



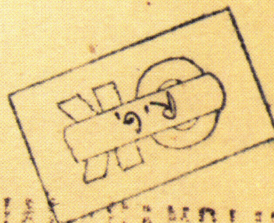
FRAGILE

SPECIAL DELIVERY

PARCEL  
VIA AIR MAIL

CLARK  
PAK'S  
PACKAGE

PARCEL  
VIA AIR MAIL



SPECIAL HANDLING

FRAGILE



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Dear Mr. Customer:

We, as your Clark dealer, believe you have confidence in our products and service. We also believe you have confidence in the engineering and product design of Clark Industrial trucks. You buy and lease from Clark because you're sure of the quality you're getting.

Well, we think you should look at parts in the same critical way. You have a Clark truck because it performs well. You should insist on parts that will also perform well.

Clark engineering approved parts meet new truck specifications. That's why they're the only parts about which you can be sure. Many industrial truck parts can be replaced with parts that look exactly alike — even have the same number stamped into the part.

Two bearings that look identical, for example, might be manufactured to slightly different tolerances. Each would fit in the truck, but only one would give performance up to standard.

To make sure that your Clark truck gets only genuine Clark parts, just give me a call.

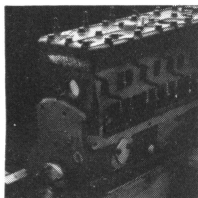
Sincerely,



# Engine







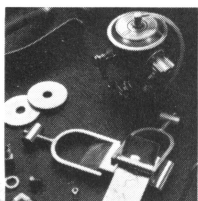
## SHORT ENGINES & BLOCKS

### END OVERHAUL WORRIES...

When it's overhaul time, ask your Clark dealer about the Continental Short Block and Short Engine program. He can offer you a factory-fresh short block or engine for almost any Continental powered Clark truck ever built.

Factory engineered short blocks give you the "heart" of a new lift truck engine . . . new block, bearings, pistons and rings, crankshaft, camshaft, valve train, connecting rods, and gear train. Short engines include a short block plus such additional items as the gear cover, cylinder head, oil pump, and filler blocks. And remember, the latest engineering changes are also included at no extra charge!

Waukesha and Perkins engines are also available. For more details concerning engines, contact your Customer Services Salesman from the local Clark dealer.



## DUAL FUEL LPG KITS & COMPONENTS

### DISCOVER WHAT LPG CAN DO FOR YOUR TRUCK...

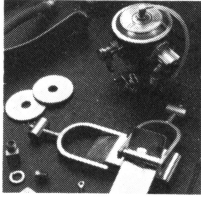
When it comes to Liquid Petroleum Gas, your Clark dealer is one source you can bank on for quality and dependability. Requirements for both dual fuel (gasoline and liquid petroleum gas) and standard LPG conversions are easily met from a well-stocked inventory of complete kits and service parts.

See your Clark dealer today!

MODEL	DUAL FUEL LPG KITS		Vaporizer*	Solenoid	Solenoid Repair Kit	Regulator
	Complete	Less Brackets				
Clarklift C500(F) 20, 25, S30, 20P, 25P	1801180	1801181	999029	733641	992569	2345261
Clarklift C500 30 thru 55(H) (Lot 3129 & before)	1801157	1801158	999029	733641	992569	2345261
Clarklift C500 35 thru S60 (Lot 3130 & Up)	1801560	1801558	999029	733641	992569	2345261
Clarklift C500 Y40 thru 55(H) (Lot 3224 & before)	1801159	1801160	999029	733641	992569	2345261
Clarklift C500 Y40 thru S60 (Lot 3225 & Up)	1801559	1801557	999029	733641	992569	2345261
Clarklift C500-60, 70, 80	1801161	1801162	999029	733641	992569	2345260
Clarklift C500Y-60, 70, 80	1801165	1801166	999029	733641	992569	2345260
Clarklift C500 60, 70, 80Q	1801163	1801164	999029	733641	992569	2345260

\*Note: All Dual Fuel Vaporizers Must Be Set At 5 P.S.I. Outlet Pressure





# STANDARD LPG KITS & COMPONENTS

MODEL – CLARK LPG KITS	COMPLETE KITS**	KITS – LESS BRACKETS**	Vaporizer
TRUCKLOADER TR-1024	N.A.	N.A.	---
CLIPPER CE-2024 FLAT TOP W/WATER PUMP	1801879	1801880	998350
CLIPPER CE-2024 FLAT TOP NO WATER PUMP	1801877	1801878	998350
*CLIPPER CE-2024 HUMPBACK WITH Y-69 ENG.	1801881	1801882	998350
CLARKLIFT C-20	1801844	1801845	998350
CLARKLIFT C-20B, C-25	1801848	1801849	998350
CLARKLIFT CF20, CF-25	1801865	1801866	998350
CLARKLIFT C20SU, C25SU	1801883	1801884	998350
YARDLIFT Y-20	1801889	1801890	998350
CLARKLIFT CY-20	1801858	1801859	998350
CLARKLIFT CY & CFY-20B, 30B	1801856	1801857	998350
CLARKLIFT C500 (F) 20, 25, S30, 20P, 25P	1801838	1801839	998350
C500 (F) Y20-25-30 (CONT. ENG.)	1801893	1801894	998350
CARLOADER FLAT TOP, AFTER SERIAL NO. CL-47-778	1801887	1801888	998350
*CARLOADER HUMPBACK – ALL MODELS	1801885	1801886	998350
CLARKLIFT CS-30	1801892	1801849	998350
CLARKLIFT C30, 40, 50 & CLR 40	1801860	1801861	998350
CLARKLIFT C & CF 30B, 40B, 50B & C300-30, 40, 50	1801854	1801855	998350
CLARKLIFT IT & TFY 30 & 40	1801895	1801896	998350
CLARKLIFT IT & TFY 50 & 60	1801932	1801933	998350
YARDLIFT Y-40	1801875	1801876	998350
CLARKLIFT CY 40, 50	1801891	1801862	998350
CLARKLIFT CRY40, CY40, 50B	1801852	1801853	998350
CLARKLIFT C-500-30 THRU 55(H)	1801900	1801901	998350
CLARKLIFT C500 35 THRU S60 (LOT 3130 & ABOVE)	1801900	1801901	998350
C300 Y-40	1801897	1801899	998350
CLARKLIFT C-500 Y40 THRU 55 (H)	1801902	1801903	998350
CLARKLIFT C500 Y40 THRU S60 (LOT 3225 & ABOVE)	1801902	1801903	998350
UTILITRUC FLAT TOP ALL MODELS	1801928	1801929	998350
*UTILITRUC HUMPBACK – ALL MODELS	1801926	1801927	998350
UTILITRUC FLAT TOP ALL MODELS WITH POWER STEERING	1801924	1801925	998350
CLARKLIFT C & CF 60, 70, 80	1801850	1801851	998350
CLARKLIFT C500-60, 70, 80	1801842	1801843	998350
CLARKLIFT C500Y-60, 70, 80	1801840	1801841	998350
CLARKLIFT C500-60, 70, 80Q	1801836	1801837	990350
YARDLIFT Y60, Y80, Y100	1801930	1801931	998350
CLARKLIFT CY & CFY 60, 70, 80	1801863	1801864	998350
RANGER 40 & 60 (A & B)	1801934	1801935	998350
IT-581 50-80 CHRYSLER ENGINE	1801932	1801933	998350
CLARKLIFT C & CH100, 120 (LOT 695 & BEFORE)	1801936	1801937	998350
CLARKLIFT C & CH100, 120 (LOT 818 & ABOVE)	1801938	1801939	998350
CLARKLIFT CY & CHY100, 120 (LOT 697 & BEFORE)	1801940	1801941	998350
CLARKLIFT CY & CHY100, 120 (LOT 820 & ABOVE)	1801942	1801943	998350
CLARKLIFT C500(H) 100, 120	1801916	1801917	998350
CLARKLIFT C500(H) Y100, Y120, Y130, Y140, Y150	1801944	1801945	998350
CLARKLIFT CY & CFY 150B THRU 250B (BEFORE LOT 563)	N.A.	1801951	998350
CLARKLIFT CY & CFY 150B THRU 250B (LOT 563 TO 751)	N.A.	1801952	998350
CLARKLIFT CY & CFY 150B THRU 250B (LOT 751 & ABOVE)	N.A.	N.A.	---
C500 Y-165 THRU 300	1801946	---	998350
CLARKETTE 5 & 7	N.A.	N.A.	---
CLARKAT 20 & 26 WITH WATER PUMP	1801873	1801874	998350
CLARKAT 20 & 26 NO WATER PUMP	1801869	1801870	998350
CLARKAT 20 D & E	1801871	1801872	998350
CLARKAT 30	1801898	1801951	998350
CLARKTOR CT21, 30, 40, 46 CHRYSLER ENGINE	1801922	1801923	998350
CLARKTOR CT20, 30, 40, 50 CONTINENTAL F-124 ENGINE	1801947	1801948	998350
CLARKTOR CT6 & CTA6-20, 30, 40, 50 CONT. F-226 ENGINE	1801949	1801950	998350
CLARKTOR 75 & 80 CHRYSLER ENGINE	1801920	1801921	998350
CLARKTOR 120 CHRYSLER ENGINE	1801918	1801919	998350
CLARKTOR "E" FORD ENGINE	N.A.	N.A.	---

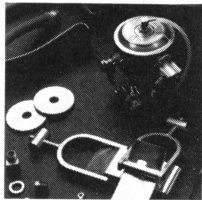
\*Velocity Governor Required

\*\*Kits Include 1801915 Switch Kit



Vaporizer & Housing	Vaporizer Repair Kit	Solenoid	Carb.	Carb. Repair Kit	Filter Element & Spring	Optional – "In Line" Filter
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998352	998475	876589	1801910	998476	881317	749145
998352	998475	876589	1801910	998476	881317	749145
998352	998475	876589	1801910	998476	881317	749145
998352	998475	733641	1801905	998476	881317	749145
998352	998475	733641	1801905	998476	881317	749145
998352	998475	733641	1801906	998476	881317	749145
998377	998475	733641	1801905	998476	881317	749145
998352	998475	876589	1801910	998476	881317	749145
998352	998475	733641	1801907	998476	881317	749145
998355	998475	733641	1801907	998476	881317	749145
998361	998475	733641	1801905	998476	881317	749145
998355	998475	733641	1801907	998476	881317	749145
998352	998475	876589	1801911	998476	881317	749145
998377	998475	876589	1801911	998476	881317	749145
998352	998475	733641	1801905	998476	881317	749145
998352	998475	733641	1801907	998476	881317	749145
998357	998475	733641	1801907	998476	881317	749145
998357	998475	733641	1801907	998476	881317	749145
998495	998475	733641	1801954	998478	881317	749145
998352	998475	876589	1801911	998476	881317	749145
998358	998475	733641	1801907	998476	881317	749145
998357	998475	733641	1801907	998476	881317	749145
998350	998475	733641	1801914	998476	881317	749145
----	998475	733641	1801914	998477	881317	749145
998357	998475	733641	1801913	998476	881317	749145
998350	998475	733641	1801914	998476	881317	749145
----	998475	733641	1801914	998477	881317	749145
998352	998475	876589	1801954	998478	881317	749145
998352	998475	876589	1801954	998478	881317	749145
998358	998475	876589	1801954	998478	881317	749145
998358	998475	733641	1801908	998477	881317	749145
998358	998475	733641	1801909	998477	881317	749145
998358	998475	733641	1801909	998477	881317	749145
998358	998475	733641	1801909	998477	881317	749145
998352	998475	876589	1801954	998478	881317	749145
998358	998475	733641	1801908	998477	881317	749145
998357	998475	733641	1801954	998478	881317	749145
998495	998475	733641	1801954	998478	881317	749145
998358	998475	733641	1801954	998478	881317	749145
998358	998475	733641	1801954	998478	881317	749145
998358	998475	733641	1801954	998478	881317	749145
998358	998475	733641	1801953	998478	881317	749145
998358	998475	733641	1801953	998478	881317	749145
998377	998475	994629	1801956	998478	881317	749145
998377	998475	994629	1801957	998478	881317	749145
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998381	998475	733641	1801955	998478	881317	749145
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998352	998475	876589	1801912	998476	881317	749145
998352	998475	876589	1801912	998476	881317	749145
998352	998475	876589	1801912	998476	881317	749145
998352	998475	876589	1801912	998476	881317	749145
998381	998475	1737127	1801954	998478	881317	749145
998352	998475	733641	1801958	998478	881317	749145
998352	998475	733641	1801954	998478	881317	749145
998381	998475	1737127	1801954	998478	881317	749145
998381	998475	1737127	1801954	998478	881317	749145
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## IMPCO LPG KITS - COMPONENTS AND REPAIR PARTS

MODEL – IMPCO LPG KITS	COMPLETE KITS	KITS – LESS BRACKETS	Filterlock
C500 20 THRU 30 (LOT 3415 & ABOVE)	1830873	1830874	3675433
C500 Y20 THRU 30 (LOT 3450 & ABOVE)	1830865	1830866	3675433
C300 30 THRU 50 (LOT 2950 & ABOVE)	1830863	1830864	3675433
C500(H) 35 THRU S60 (LOT 3130 & ABOVE)	1830861	1830862	3675433
C300 Y40, 50 (LOT 3405 & ABOVE)	1830877	1830878	3675433
C500(H) Y40 THRU S60 (LOT 3225 & ABOVE)	1830867	1830868	3675433
C500(H) 60 THRU S90 (LOT 2152 & ABOVE)	1830871	1830872	3675433
C500(H) Y60 THRU S100 (LOT 2153 & ABOVE)	1830869	1830870	3675433
C500 S100 (LOT 2152 & ABOVE)	1830875	1830876	3675433
C500(H) 100 THRU 135 (LOT 2164 & ABOVE)	1830881	1830882	3675433
C500 Y110 THRU 155 (LOT 3820 & ABOVE)	1830879	1830880	3675433
C500 Y160 THRU S250 (LOT 3291 & ABOVE)	1830883	1830884	3675433

Filterlock Element	Filterlock Repair Kit	Vaporizer	Vaporizer Repair Kit	Carb.	Carb. Repair Kit
905053	905054	2314377	995632	2358556	995449
905053	905054	2314377	995632	2346452	995449
905053	905054	2314377	995632	2346452	995449
905053	905054	2356734	999520	3736401	998838
905053	905054	2314377	995632	2346452	995444
905053	905054	2356734	999520	3736401	998838
905053	905054	2360140	995632	2360141	998838
905053	905054	2360140	995632	2360141	998838
905053	905054	2360140	995632	2360141	998838
905053	905054	2360140	995632	2364358	905740
905053	905054	2360142	905060	2350247	998838
905053	905054	2360142	905060	2360143	998838



# Electrical







## IGNITION TUNE-UP KITS

Kit number —	1800789	1800790	1800791	1811040	1811063
Used in Clark distributor number	602329 604380	334903 898437 1616771 1636495 2338426	326860 610096 611516 635361 790843 798887 892829	2348676 2348677	2351309
Kit includes	1800721 Pt. Set 1800763 Cond. 1800771 Rotor	1800724 Pt. Set 1800763 Cond. 1800737 Rotor	1800720 Pt. Set 1800763 Cond. 1800772 Rotor	997573 Pt. Set 860818 Cond. 998601 Rotor	998922 Pt. Set 860818 Cond. 998601 Rotor



## HOUR METERS

For durability and accuracy, Clark hour meters can't be beat. Your Clark dealer offers these instruments in three convenient mounting styles . . . all completely sealed against water and dust. CONTACT HIM TODAY!

### 30-90 VOLTS D.C.

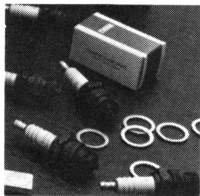
2750294	Screw mount meter
2750295	Flush mount meter w/bracket
2750293	Mini-Meter

### 4-30 VOLTS D.C.

### ACCESSORIES

1811312	Screw mount meter	636258	Universal mounting bracket
1743826	Flush mount meter w/bracket	636259	Panel mounting bracket (for screw style meters)
6506826	Mini-Meter		





## SPARK PLUGS

### FIVE OUTSTANDING FEATURES...



#### ● THE INSULATOR

Our high-density, high-dielectric-strength ceramic insulator provides maximum protection against high voltage leakage to ground. Specifically contoured triple ribs hold plug boots firmly in position to seal out grime and moisture and eliminate misfiring due to flashover between the top of the plug and the shell. The insulator's strength minimizes the problem of breakage during installation and removal.

#### ● THE SHELL

Made from top grade steel, the outer shell is "blued" to protect against rust and corrosion, and then heat and compression sealed to the insulator.

#### ● THE SEAL

The "copper-glass seal" fuses the upper terminal, center electrode and insulator into an inseparable leak-proof unit. The copper-glass seals the heart of the spark plug against compression loss and the leakage of high temperature gases which can cause the plug to overheat, resulting in pre-ignition damage to the engine. This seal is the type specified for military and aircraft applications.

#### ● THE ELECTRODE

We utilize a special alloy — Inconel<sup>†</sup> 600 in the electrode. This alloy enables the electrode to withstand twice the heat of combustion. The virtual indestructibility of Inconel minimizes electrical erosion and makes the electrode highly resistant to corrosive chemical action.

#### ● THE DESIGN

Shell threads are rolled to provide a strong, smooth surface for ease of installation and removal, and protection against stripping. And every spark plug meets all SAE and ISO dimension standards.

<sup>†</sup>Inconel is a trademark of the International Nickel Company.



Truck Model	Gasoline Fuel	LPG Fuel
Carloader CL, CL "D", DCL, DCL "D" HCL, HCL "D"	890274	890272
Clarkat CK-"B", "C", "D", "E" & "F"	890274	—
Lot 665 and later	890273	890273
Clarkette 5, CKT-5-"B" & CKT-7-"B"	890274	890272
Lot 247 and later	890273	890273
Clarklift C-20 "A" & "B", C-20-"B" Spec., C-20-"B" P	890274	890272
Lot 585 and later	890273	890273
Clarklift C-20 & 25-SU	890274	890272
Lot 568 and later	890273	890273
Clarklift CY-20 "A" & "B", CFY-20 "A" & "B", CY-30 "A" & "B", CFY-30 "A" & "B"	890274	890272
Lot 588 and later	890273	890273
Clarklift C-30, 40 & 50 "A" & "B" CF-30, 40 & 50 "A" & "B", CLR-40 "B", CLFR-40 "B"	890274	890272
Lot 561 and later	890273	890273
Clarklift CY-40 & 50 "A" & "B" CFY-40 & 50 "A" & "B", CYR-40 "B" RTY (TFY)-30 & 40	890274	890272
Lot 556 and later	890273	890273
Clarklift C-60, 70 & 80, CF-60, 70, 80 CS-60, 70 & 80 CT & CT-6, 20, 30, 40, 50	890274	890272
Lot 633 and later	890273	890273
Clarklift CY-60, 70 & 80, CFY-60, 70 & 80	890274	890272
Lot 644 and later	890273	890273
Clarklift CY & CFY-200-"S" & "L"	890267	—
Lot 563 and later	890268	890268
Clarklift CY & CYF-150 "A" & "B"	890267	—
Lot 563 and later	890268	890268
Clark CY & CYF-165-"A" & "B"	890267	—
Lot 563 and later	890268	890268
Clarklift CY & CYF-180-"S" & "L" CY-180-"B"	890267	—
Lot 563 and later	890268	890268
Clarklift CY & CFY-225	890267	—
Clarklift CY & CFY-250	890267	—
Clarklift CY-350 & 400	890265	—
Clarktor 6, CT-21	890269	—
Clarktor MILL-CM	890268	—
Clarktor (Fluid) FCT-6	890269	—
Clarktor 75, 80, CT75 & 80 (Unshielded)	890269	—
Clarktor-120, CT-120-"B" (Non-Resistor Type) (Resistor Type)	890267	—
Clarktor (Automatic) — ACT, 225, 300	890269	—
Clipper "A", "B", "C"	890274	890272
Industrial Tractor IT-60	890274	—
Industrial Tractor BL-60	890274	—
Ranger R & CR-40 "A" & "B"	890274	890272
Ranger R & CR-60 "A" & "B"	890274	890272
CH, CHY, CY, C-100, 120	890274	890272
Lot 646 and later	890273	890273
IT 30, 40, 60	890273	890273
IT-700	890273	890273
C500	890271	890271

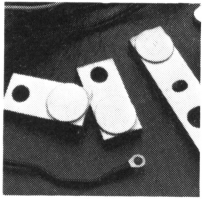
Truck Model	Gasoline Fuel	LPG Fuel
Ranger R-150	890268	—
Ranger R-200	890265	—
Ranger R-300	890265	—
Ross Series 5	890274	—
Ross Series 6, YR-60	890267	—
Ross Series 10, H, M, L, Yardlift YR-80 YR100, YR120	890274	890272
Ross Series 15, SH, SL, LH, LL, Y150-S YR150-S, Y180, YR180, YR130, YR150-L	890274	890272
Ross Series 15, 16, 18, 19 & 20 HT	890274	890272
Ross Series 24, Y-260	890268	—
Ross Carrier Series 70	890274	—
Ross Carrier Series 71, 80, 81, 93 Hercules Eng.	890267	—
Ford Eng.	890270	—
Ross Carrier Series 93 (Gov.)	890269	—
Ross Carrier Series 91, 92, 95, 99, 100, 120	890267	—
Ross Carrier Series 500 Van Carrier	890267	—
Trucloader "A" & "B"	890274	890272
Tructractor TT-Tip & Dump, Shovel TT-"C" & "D"	890274	890272
Utilitruc 60, 70, 80 & 100, UT-60, 70, 80 & 100 "D", "E", "F", DUT-60, 70 "C" & "D", HUT-60, 70, 80 & 100	890274	890272
Yardlift-20-"A", "B" & "L"	890274	890272
Yardlift 40, Y-40 "C", DY-40, DY-40 "C" Y-40-C & DY-40C (Unshielded)	890274	890272
Yardlift 40 "C" Gov. (14MM Unshielded With Resistor)	890269	—
Yardlift Y-60, Y-60-"C", DY-60, DY-60 "C", HY-60	890274	890272
Yardlift Y-60-"C" Gov. (14MM Unshielded with Resistor)	890269	—
Yardlift Y-80	890274	—
Yardlift Y-100	890274	—
Yardlift Y-150, Y150-2, Y150-4, Y150C	890268	—
Yardlift Y-200	890268	—
C500(F), 20, 25, S30	890273	890273
C500(F)Y 20, 25, 30	890273	890273
C500(H) 35, 40, 45, 50, 55, S60	890273	890273
C300, 40, 50	890273	890273
C300 Y40	890273	890273
C500(H) Y40, 45, 50, 55, S60	890273	890273
IT 30, 40	890273	—
IT 40B	890273	—
IT 355	890273	—
C500(H) 60, 65RC, 70, 80	890273	890273
C500(H) Y60, 70, 80, S80	890273	—
IT 581 Lot 3280 & up	890270	—
IT 581 Lot 2219 thru 3191	992428	—
C500(H) 100, 120	890273	—
C500(H) Y100, 130, 150	890273	890273
C500 Y110, 135, 155 Lot 3820 & up	999812	999812
Clarkat CKF-20 Continental Engine	890273	—
Claktor CTAE 20, CT Ford Engine	890270	—

NOTE: For proper spark plug gap information, consult your machine service manual.

#### Resistor Plug Applications

Standard Plug	Replacement Resistor Plug
890272	905495





## CONTACT TIPS

### TAKE A TIP FROM US...

Contact tips are among the most vital operating components in your electric lift truck. The ability to provide peak performance and normal service life vitally affects the productivity and well being of your lift trucks and lift truck operators. In these critical situations, Genuine Clark contact tips can make a difference — here's how:

**SILVER BOND** — A small layer of silver between the contact tips and the backing bar allows genuine Clark contact tips to conduct current more efficiently, as well as providing a strong, uniform bond. This superior bond allows better heat dissipation, and consequently longer wear and increased dependability.

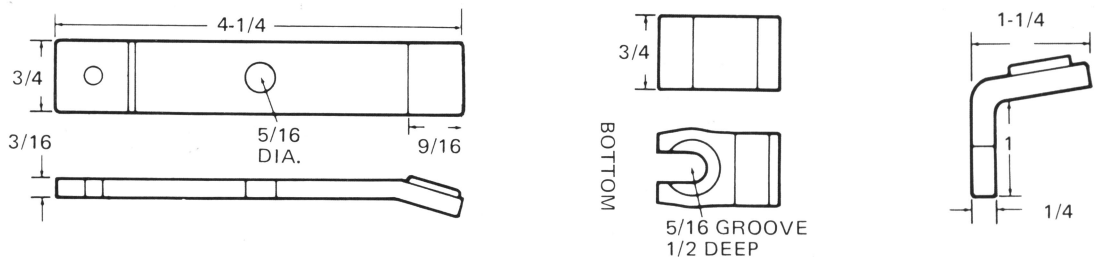
**HOMOGENEOUS TIP COMPOSITION** — While the use of silver is extremely desirable for conductivity, it creates dangerous "sticking" when used in a pure state in the tips themselves. Therefore, genuine Clark contact tips utilize a homogeneous mixture of silver (for conductivity, and cadmium oxide to retard sticking and oxidation).

**"SILVER-COPPER" BACKING BAR** — Frequently, when contact tips are brazed to copper backing bars, the heat generated causes the copper to lose its hardness and specified dimensions. To avoid this situation, genuine Clark contact tips use "silver copper" backing bars which resist heat and therefore maintain their hardness and original dimensions.

For longer service life, greater dependability and superior equipment productivity, invest in *Genuine Clark contact tips*.

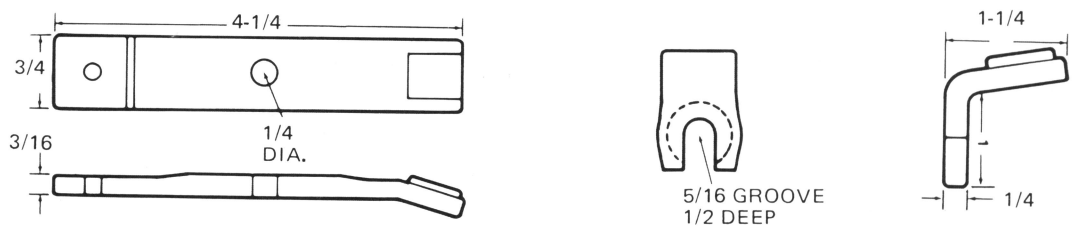
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1 STATIONARY



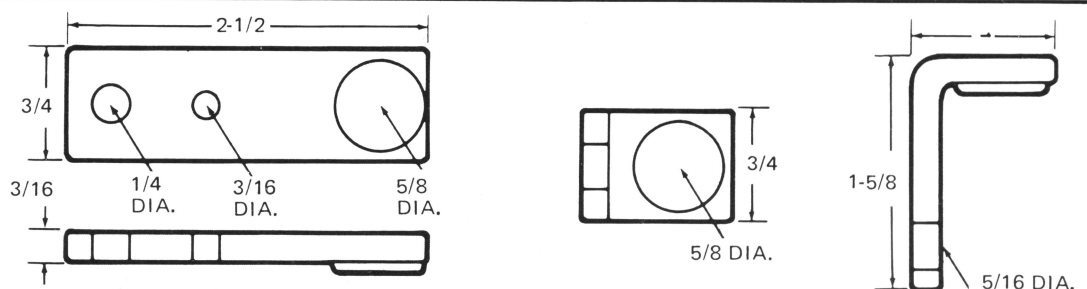
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1 STATIONARY

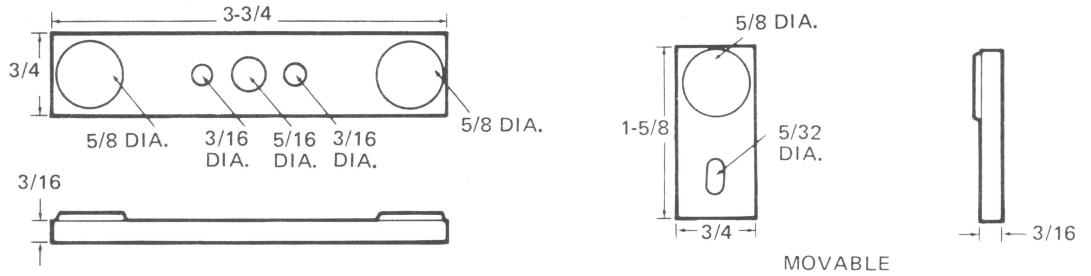


879206

1 STATIONARY  
1 MOVABLE

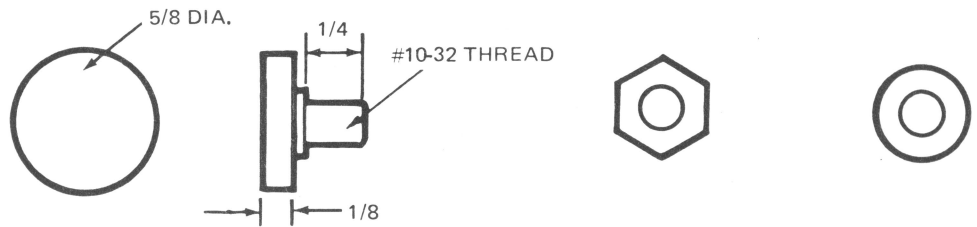


879504



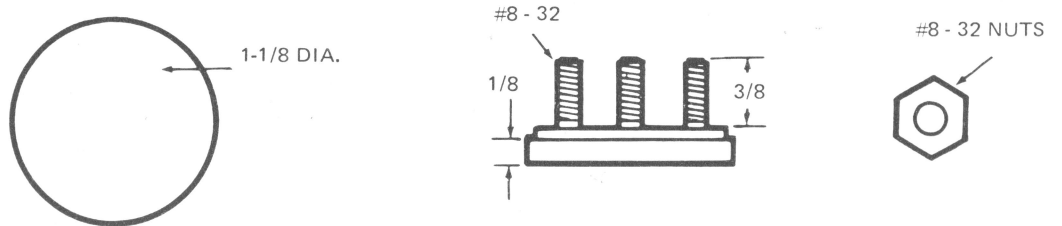
1 STATIONARY  
2 MOVABLE

388856



2 TIPS  
2 NUTS  
2 WASHERS

891893



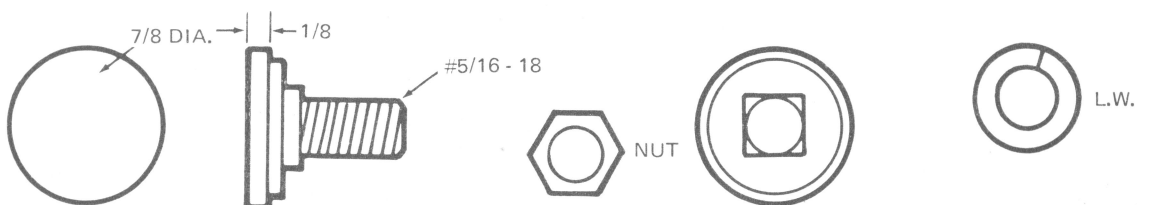
2 TIPS  
6 NUTS

894952



1 MOVABLE  
1 STATIONARY

897956



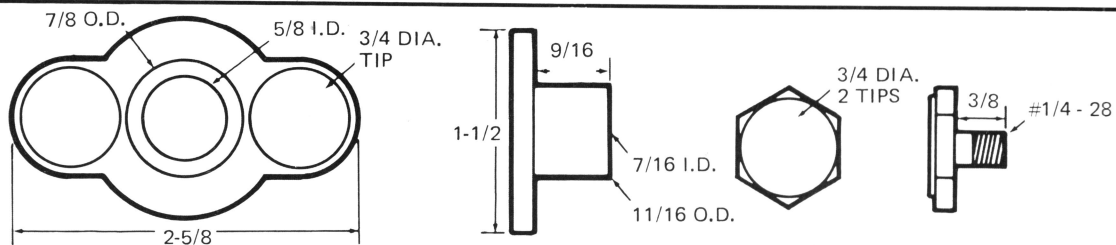
2 TIPS  
2 NUTS  
2 L.W.



# CONTACT TIPS...

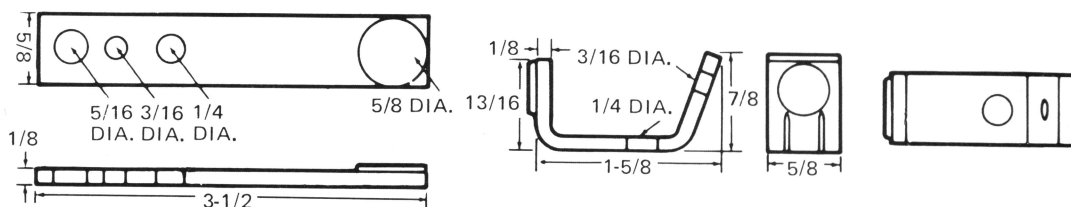
899514

1 MOVABLE  
2 STATIONARY  
NO NUT



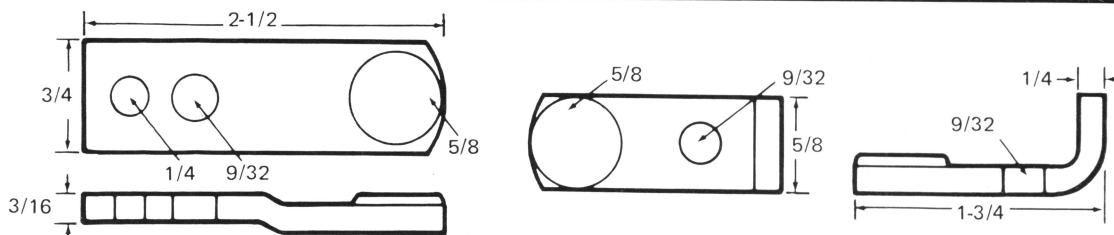
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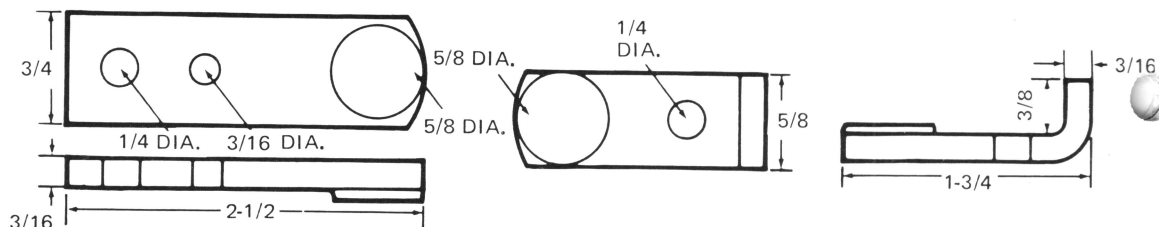
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1 STATIONARY



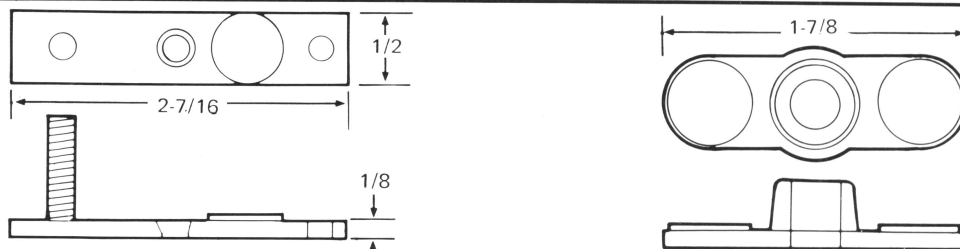
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1 STATIONARY



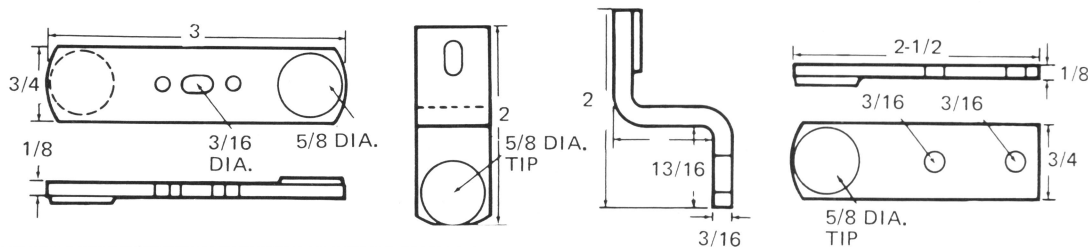
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1 STATIONARY



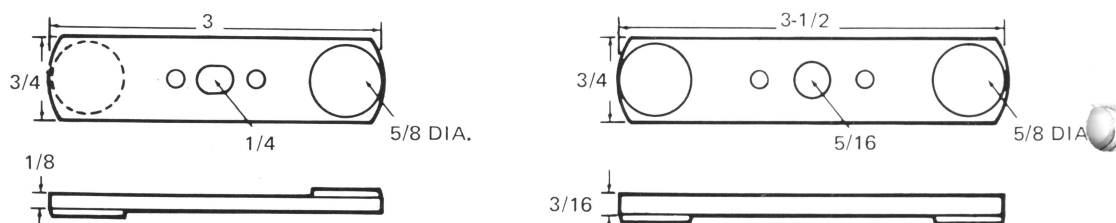
1810194

1 MOVABLE  
1 STATIONARY  
1 STOP

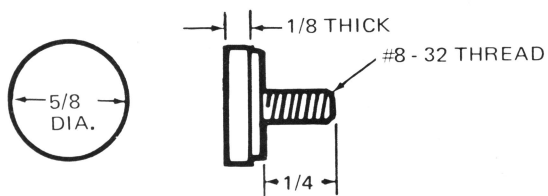


1810195

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2 MOVABLE

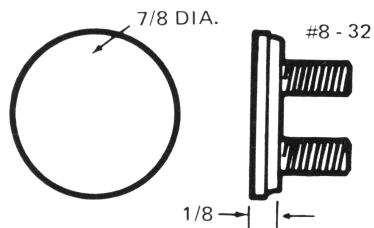


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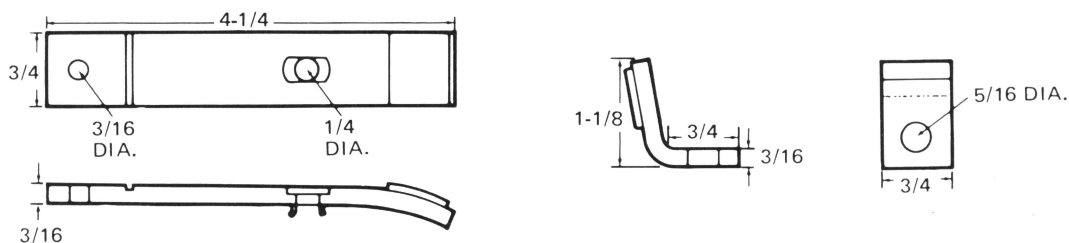
2 TIPS + 2 NUTS

1810216



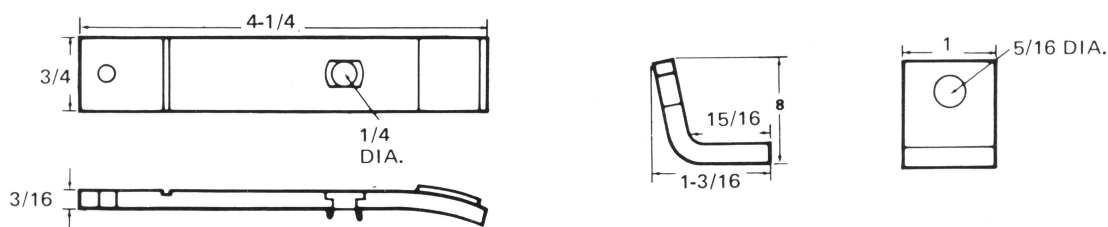
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4 NUTS

1810293



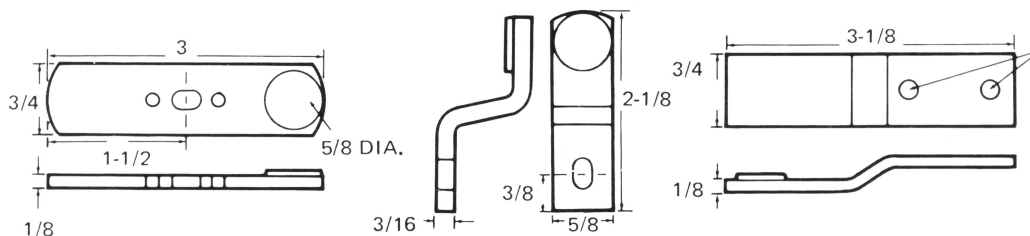
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1 STATIONARY

1810294



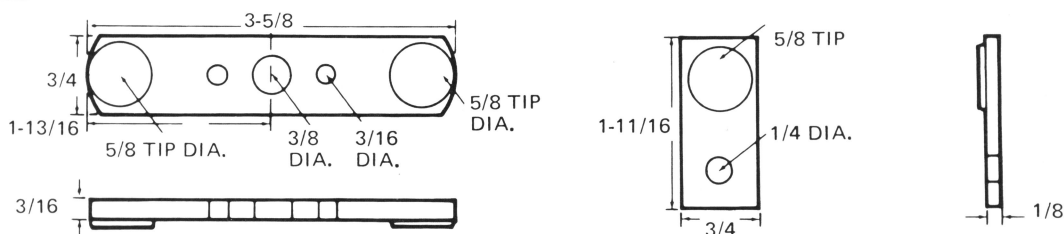
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1810382



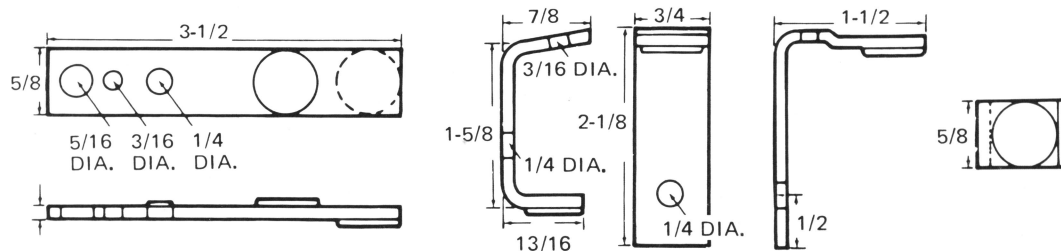
1 L. STATIONARY  
1 V. STATIONARY  
1 MOVABLE

1810526



1 STATIONARY  
2 MOVABLE

1810527



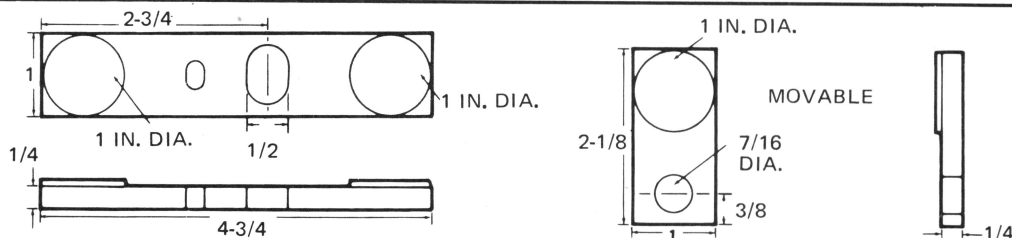
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1 STATIONARY N/O  
1 STATIONARY N/C



# CONTACT TIPS...

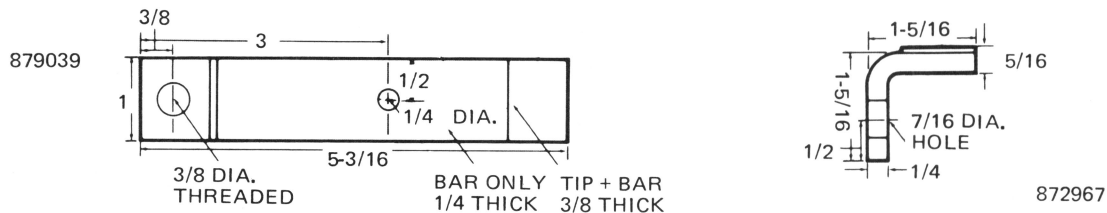
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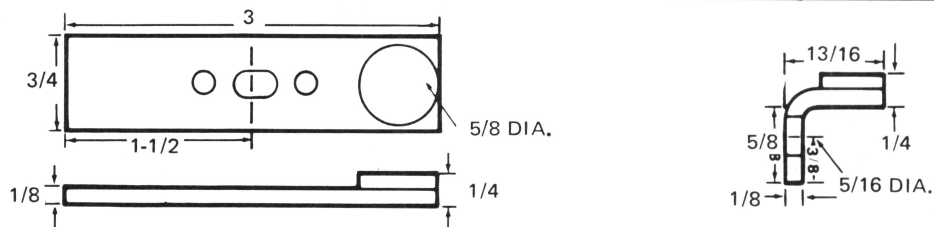
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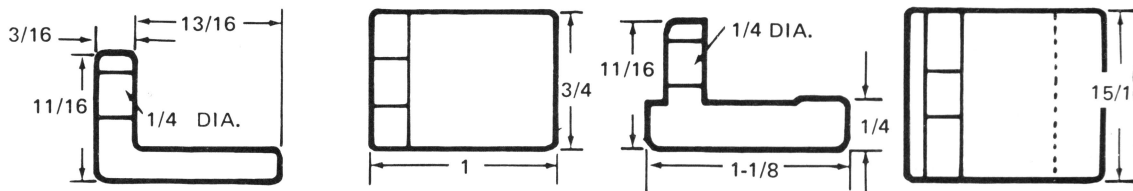
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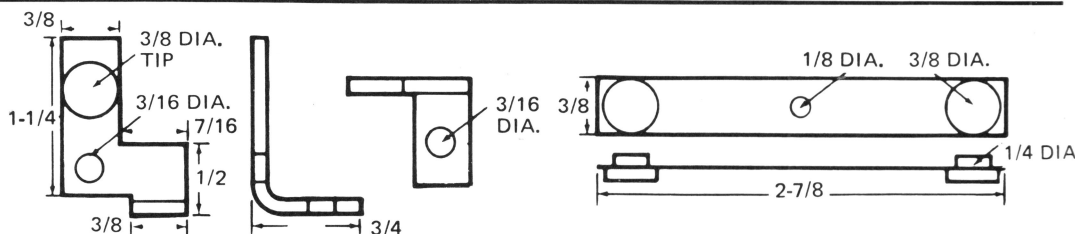
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1 MOVABLE



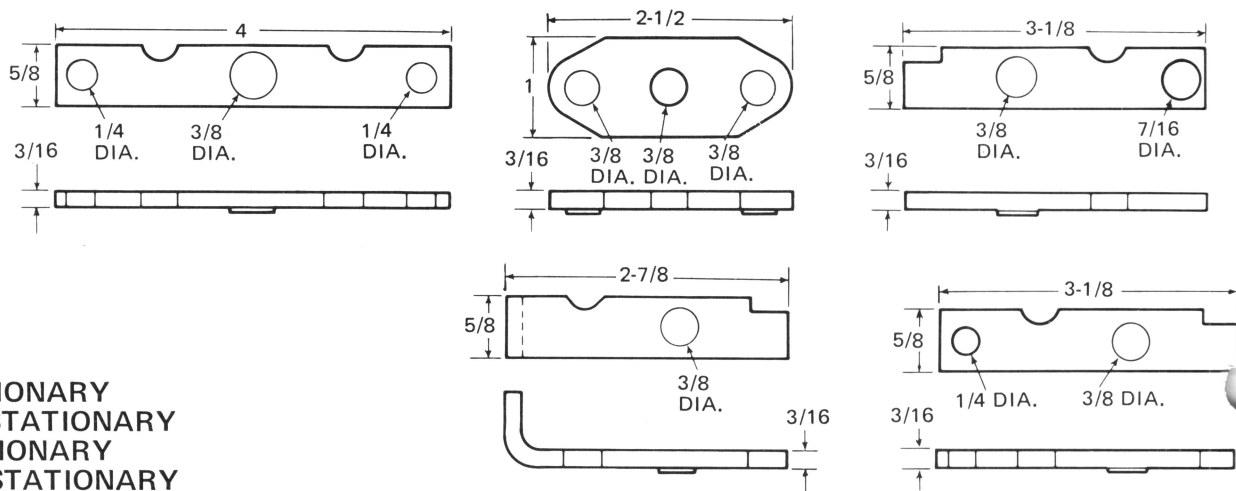
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1 R.H. STATIONARY  
1 L.H. STATIONARY  
1 MOVABLE

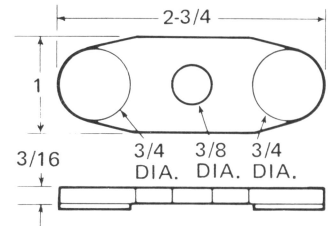
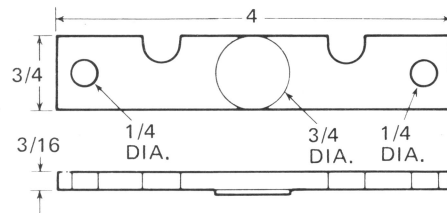


1811042

2 MOVABLE  
1 L.H. TOP STATIONARY  
1 L.H. BOTTOM STATIONARY  
1 R.H. TOP STATIONARY  
1 R.H. BOTTOM STATIONARY

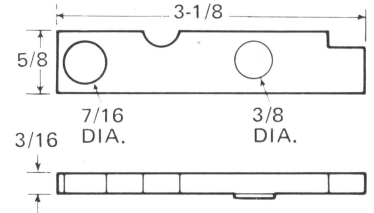
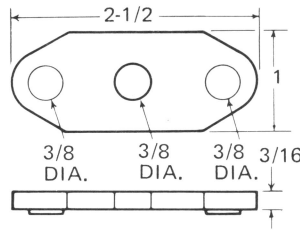
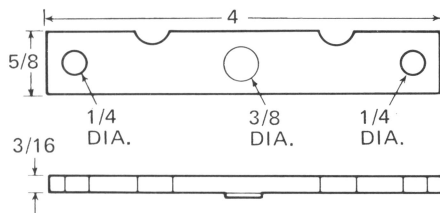


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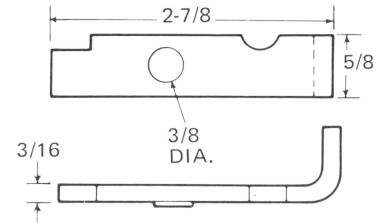
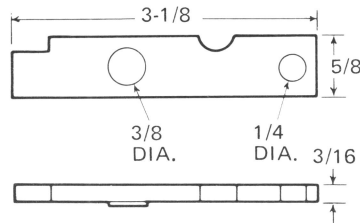


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1 STATIONARY

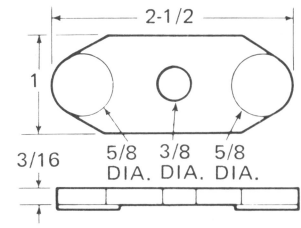
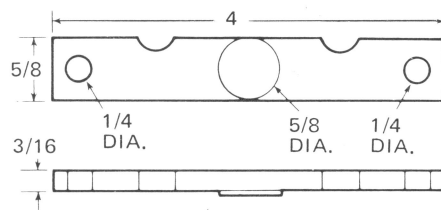
1811044



2 MOVABLE  
1 R.H. TOP STATIONARY  
1 L.H. TOP STATIONARY  
1 L.H. BOTTOM STATIONARY  
1 R.H. BOTTOM STATIONARY

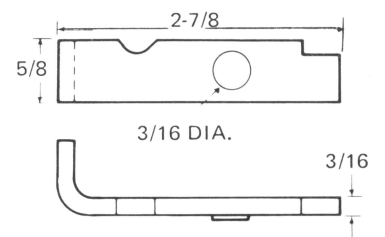
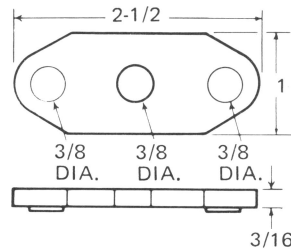
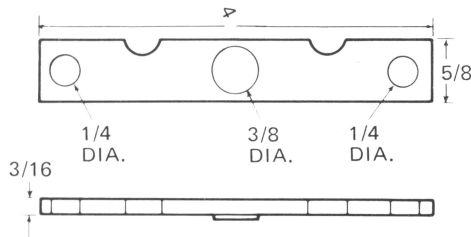


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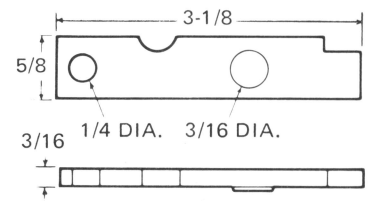
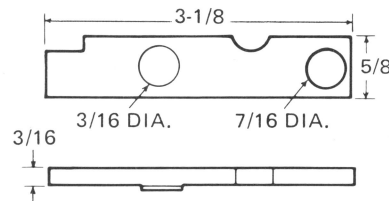


1 STATIONARY  
1 MOVABLE

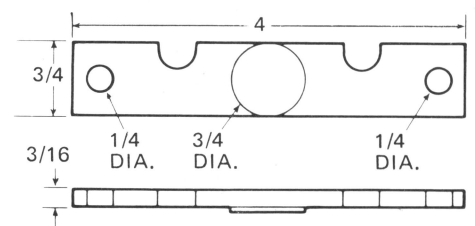
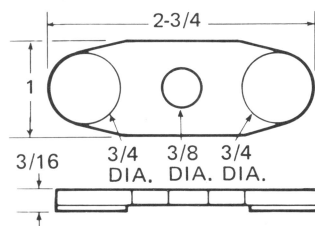
1811079



2 MOVABLE  
1 L.H. TOP STATIONARY  
1 L.H. BOTTOM STATIONARY  
1 R.H. TOP STATIONARY  
1 R.H. BOTTOM STATIONARY



1811080



1 MOVABLE  
1 L.H. STATIONARY  
1 R.H. STATIONARY



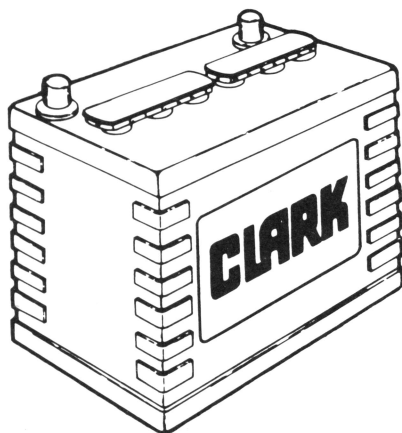


# BATTERIES

## FEATURES & SPECIFICATIONS

Clark service batteries have been selected and specified by Clark engineers to power match the current needs of all the electrical equipment on your truck. They provide more cranking power, charge faster, and hold their charge longer than ordinary batteries. Feature-by-feature, Clark batteries assure top performance on any job!

- **ONE PIECE COVER**
  - no exposed connectors to corrode
- **LEAD WELDED POST SEAL**
  - prevents acid leakage
- **FLIP CAP VENTS**
  - easy quick servicing
- **FULL SIZE REINFORCED PLATES**
  - reduce shedding & vibration damage
- **MICROPOROUS SEPARATORS**
  - allows for maximum power
- **INTERCELL CONNECTORS**
  - through the partition connectors in automotive sizes, lowers internal resistance for more power output
- **ANCHORED PLATES**
  - epoxy plate anchoring reduces vibration damage, especially important on rough terrain



Clark Part Number	BCI Group Number	Length Inches	Length mm	Width Inches
1800610	3EE	19.31	490.5	4.36
1310117	3EE	19.31	490.5	4.36
1801756	24	10.29	261.4	6.82
1801754	24	10.29	261.4	6.82
1801755	24	10.29	261.4	6.82
949989	27	12.06	306.3	6.82
949990	27	12.06	306.3	6.82
6515914	27H	11.73	297.9	6.79
1800612	29NF	13	330.2	5.50
1800613	30H	13.50	342.9	6.81
1523427	60	13.03	331.0	6.22
1800614	U1	7.74	196.6	5.14
6547383	U1	7.74	196.6	5.06
1801148	4D (12V)	20.75	527.0	8.75
1317961	7D (6V)	16.26	413.0	7.12
1671369	8D(12V)	20.75	527.0	11.0
1800604	1	8.94	227.1	6.79
1800071	1	8.94	227.1	6.79
1800606	2	10.29	261.4	6.81
605758	2E	19.38	492.0	4.12
1310109	1	8.94	227.1	6.79
1317959	2	10.29	261.4	6.81
1800607	3	11.50	229.1	7.0
1325489	4	12.68	322.1	7.0
1800229	GC2	10.29	261.4	6.81
1800084	Climate Eye Hydrometer			
1800219	5 Gallon "Eze Pak" Electrolyte			
1800220	6 Quart "H-Pak" Electrolyte			
1801799	Electrolyte Spigot			

Width mm	Height Inches	Height mm	Number of Plates	Weight Dry Lbs.	Weight Dry Kg.	Amp. Hr. 20 Hr. Rate	Approx. Acid Req'd Quarts	Approx. Acid Req'd Liters	Res. Cap. 25A.@ 80°F.(26.7°C) Minutes	Cold Crank A.@0°F. (-17.8°C)
12 VOLT										
110.7	8.77	222.8	54	30.6	13.9	62	5.9	5.6	83	310
110.7	8.77	222.8	66	34.8	15.8	72	5.6	5.3	106	370
173.2	8.92	226.6	66	26.2	11.9	65	5.8	5.5	100	390
173.2	8.92	226.6	54	21.2	9.6	55	6.1	5.8	73	315
173.2	8.92	226.6	42	17.5	7.9	42	6.3	6.0	52	250
173.2	8.92	226.6	90	36.5	16.6	95	6.6	6.2	160	530
173.2	8.92	226.6	66	30.4	13.8	72	7.1	6.7	106	400
172.5	9.15	232.4	(A)78	35.7	16.2	73	5.9	5.6	125	435
139.7	9.02	229.1	(A)66	29.8	13.5	58	4.8	4.5	80	320
173.0	9.21	233.9	(A)78	44.8	20.3	93	6.4	6.1	140	455
158.0	8.77	222.8	(A)54	30.8	14.0	62	5.6	5.3	83	310
130.6	7.31	185.7	(A)42	14.1	6.4	24	1.9	1.8	23	160
128.5	7.17	182.1	(A)54	14.5	6.6	32	1.8	1.7	32	200

DIESEL										
222.2	9.82	249.4	126	78.5	35.6	155	12.5	11.8	275	700
180.8	9.23	234.4	87	51.6	23.4	204	7.3	6.9	420	880
279.4	9.82	249.4	174	102.4	46.4	220	16.4	15.5	440	880

6 VOLT										
172.5	8.83	224.3	39	21.6	9.8	90	4.3	4.1	135	430
172.5	8.83	224.3	33	17.4	7.9	60	4.6	4.4	85	325
173.0	8.83	224.3	24.5	24.5	11.1	105	5.0	4.7	160	485
104.6	8.97	227.8	45	28.0	12.7	105	5.4	5.1	160	485

6 VOLT TRACTOR AND BUS										
172.5	8.01	224.3	51	25.6	11.6	120	4.2	4.0	185	545
173.0	9.21	233.9	57	29.0	13.2	135	5.3	5.0	210	600
177.8	9.21	233.9	63	35.0	15.9	150	6.1	5.8	250	660
177.8	9.21	233.9	63	37.3	16.9	162	6.7	6.3	275	700

GOLF CART										
173.0	11.12	282.4	51	43.2	19.6	180	5.4	5.1	75++	—

ELECTROLYTE & ACCESSORIES										
---------------------------	--	--	--	--	--	--	--	--	--	--

(A) Indicates Anchored Elements  
 ++75 Amps @ 80°F. (26.7°C) Minutes



# Hydraulics



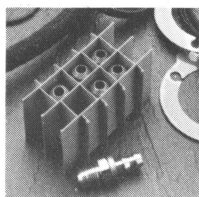




## LIFT & TILT CYLINDER REPAIR KITS

Kit Part Number	Description	Components	
1811179	Tilt cylinder kit for 4" cyl. — 1½" rod	1 - 757757 Ring	/ 1 - 25K-40324 Ring
		2 - 743810 U-Cup	/ 1 - 1632847 Boot
		1 - 1831041 Packing	/ 1 - 1657087 Wiper
		1 - 743816 Ring	/ 4 - 1677972 Shim
1811180	Tilt cylinder kit for 4" cyl. — 1¼" rod	1 - 757757 Ring	/ 1 - 25K-40324 Ring
		2 - 743810 U-Cup	/ 1 - 757766 Boot
		1 - 1831042 Packing	/ 1 - 1657085 Wiper
		1 - 743816 Ring	/ 4 - 757762 Shim
1811184	Tilt cylinder kit for 3" cyl. — 1¼" rod	1 - 762147 Ring	/ 1 - 25K-40224 Ring
		2 - 755395 U-Cup	/ 1 - 762671 Boot
		1 - 1831042 Packing	/ 1 - 1657085 Wiper
		1 - 755425 Ring	/ 4 - 757762 Shim
1830350	Lift cylinder repair kit	875889 'V'-Cup	/ 662634 Plug
		25K-60216 O'Ring	
		763693 O'Ring	
		1657090 Wiper	
1830352	Lift cylinder repair kit	875894 'V'-Cup	/ 662634 Plug
		763694 O'Ring	
		1657099 Wiper	
		25K-60412 O'Ring	
1830358	Lift cylinder repair kit	872494 'V'-Cup	/ 25K-60320 O'Ring
		662634 Plug	
		763692 O'Ring	
		1657094 Wiper	
1830360	Lift cylinder repair kit	875892 'V'-Cup	/ 1657094 Wiper
		662634 Plug	
		25K-60308 O'Ring	
		763692 O'Ring	
1830361	Lift cylinder repair kit	875890 'V'-Cup	/ 1657092 Wiper
		25K-60224 O'Ring	
		58K-228 O'Ring	
		662634 Plug	





## CLARK/AEROQUIP HOSE & COUPLINGS

### QUICK, DEPENDABLE HOSE LINE REPLACEMENT...

Bulk hose and reusable couplings cut downtime to a minimum, and make immediate service possible. With a small, portable inventory of bulk hose and couplings purchased from your Clark dealer, replacement hose lines can be made right on the job, easily and quickly.

To insure full understanding of the hose and coupling specifications printed throughout the hose sections, the following descriptions are given:

**Dash Size** — expresses hose and coupling sizes in terms of sixteenths of an inch. For fabric braid low pressure hose, double wire braid high pressure hose, and spiral wire reinforced very high pressure hose, the hose dash size indicates the actual inside diameter of the hose. For most single wire braid hose, the hose dash size equates to O.D. tubing diameters rather than actual inside diameter.

**Hose I.D.** — expresses the inside diameter or bore of the hose.

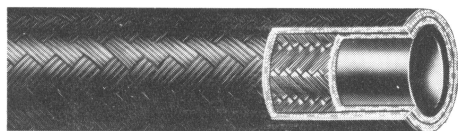
**Hose O.D.** — expresses the outside diameter of the hose.

**Recommended Working Pressure** — pressure in pounds per square inch and kilopascals (kPa) at which the hose was designed to operate.

**Minimum Burst Pressure** — minimum pressure in pounds per square inch and kilopascals at which the hose will burst.

**Minimum Bend Radius** — indicates the sharpest bend permissible when installing hose.

### LOW PRESSURE HOSE



#### FABRIC BRAID HOSE CONSTRUCTION:

Synthetic rubber inner tube, cotton braid reinforcement, oil and mildew resistant cotton braid cover.

#### TEMPERATURE RANGE:

-40°F. to +200°F. (-40°C. to +93°C.) / Except air, +160°F. (+71°C.).

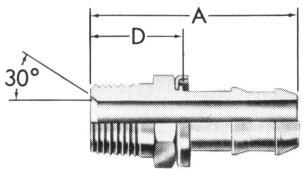
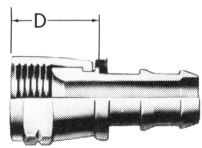
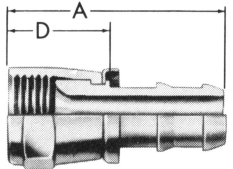
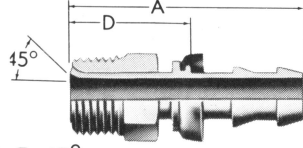
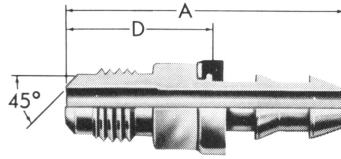
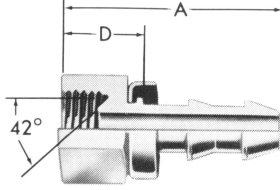
#### APPLICATION:

For gasoline, crude, fuels and lubricating oils, air and water.

Not recommended for hydraulic applications.

Clark Part Number	Hose Dash Size	O.D. Tube Size	Hose O.D. In/mm	Hose I.D. In/mm	Recom. Working Pressure P.S.I./kPa	Min. Burst P.S.I./kPa	Min. Bend Radius In/mm	Quantity Per Box Ft/m
885745	-4	1/4	.500/12.7	.250/6.4	250/1725	1000/6900	3.00/76	25/7.6
885746	-6	3/8	.625/15.8	.375/9.5	250/1725	1000/6900	3.00/76	25/7.6
885747	-8	1/2	.750/19.0	.500/12.7	250/1725	1000/6900	5.00/125	25/7.6
885748	-10	5/8	.906/23.0	.625/15.8	250/1725	1000/6900	6.00/150	25/7.6

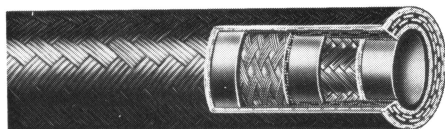
# LOW PRESSURE COUPLINGS

	Clark Part Number	Coupling Dash Size	Hose Dash Size	Thread	A In/mm	D In/mm	Quantity Per Box
 <p><b>MALE PIPE</b></p>	885757	-2	-4	1/8-27	1.40/36	.65/16	10
	885758	-4	-4	1/4-18	1.50/38	.83/21	10
	885759	-4	-6	1/4-18	1.76/45	.89/23	10
	885760	-6	-8	3/8-18	1.91/48	.89/23	10
	885761	-8	-10	1/2-14	2.68/68	1.14/29	10
	885831	-12	-12	3/4-14	2.72/69	1.21/31	10
 <p><b>S.A.E. 45° SWIVEL</b></p>	885771	-4	-4	7/16-20	1.46/37	.71/18	10
	885772	-5	-4	1/2-20	1.52/38	.77/20	10
	885773	-6	-6	5/8-18	1.67/42	.81/21	10
	885832	-8	-8	3/4-16	1.95/50	.93/24	10
	885833	-10	-10	7/8-14	2.60/66	1.06/27	10
	885834	-12	-12	1-1/16-14	2.71/69	1.19/30	10
 <p><b>S.A.E. 37° (J.I.C.) SWIVEL</b></p>	663261	-4	-4	7/16-20	1.46/37	.71/18	1
	663262	-6	-6	9/16-18	1.67/42	.80/20	1
	663263	-8	-8	3/4-16	1.95/50	.93/24	1
	663264	-10	-10	7/8-14	2.60/66	1.06/27	1
	742133	-12	-12	1-1/16-12	2.71/69	1.19/30	1
 <p><b>S.A.E. 45° INVERTED FLARE-MALE</b></p>	885762	-4	-4	7/16-24	1.50/38	.75/19	10
	885763	-5	-4	1/2-20	1.58/40	.82/21	10
	885764	-6	-6	5/8-18	1.72/44	.86/22	10
 <p><b>S.A.E. 45° MALE FLARE</b></p>	885765	-4	-4	7/16-20	1.58/40	.83/21	10
	885766	-5	-4	1/2-20	1.64/42	.89/23	10
	885767	-6	-6	5/8-18	1.81/46	.95/24	10
	885835	-8	-8	3/4-16	2.09/53	1.08/27	10
	885836	-3	-4	3/8-24	1.20/30	.45/11	10
 <p><b>S.A.E. 42° INVERTED FLARE-FEMALE</b></p>	885768	-4	-4	7/16-24	1.20/30	.45/11	10
	885769	-5	-4	1/2-20	1.23/31	.48/12	10
	885770	-6	-6	5/8-18	1.41/36	.55/14	10



# MEDIUM PRESSURE HOSE

## COTTON COVER



### SINGLE WIRE BRAID CONSTRUCTION:

Synthetic rubber inner tube, cotton inner braid, single wire braid reinforcement and synthetic rubber impregnated cotton braid cover.

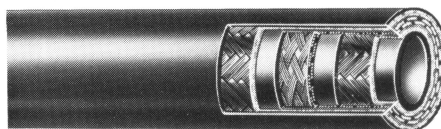
### APPLICATION:

For hydraulics, air, gasoline, crude, fuel and lubricating oils.

### TEMPERATURE RANGE:

Meets or exceeds SAE100R5 and J1402 requirements. Suitable for many applications between -40°F. and +300°F. (-40°C. and +150°C.).

## RUBBER COVER



### \*TEMPERATURE RANGE:

-65°F. and +250°F. (-54°C. and +121°C.).

### \*\*TEMPERATURE RANGE:

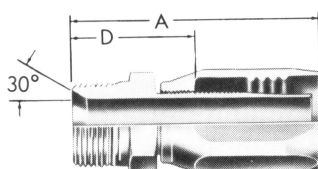
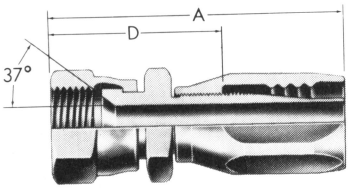
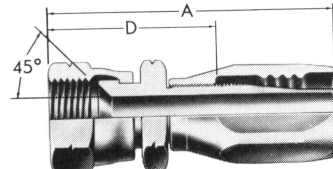
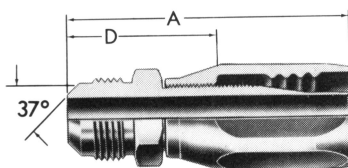
-40°F. and +250°F. (-40°C. and +150°C.).

Clark Part Number	Hose Dash Size	O.D. Tube Size	Hose O.D. In/mm	Hose I.D. In/mm	Recom'd. Working Pressure P.S.I./kPa	Min. Burst P.S.I./kPa	Min. Bend Radius In/mm	Quantity Per Box Ft/m
885749 1800599*	-4	1/4	.516/13.1	.188/4.8	3000/20700 2750/19000	12000/82800 11000/75800	3.00/7.6	25/7.6
885750 1800600*	-5	5/16	.578/14.6	.250/6.4	3000/20700 2750/19000	10000/69000 11000/75800	3.38/86	25/7.6
885751 1800601*	-6	3/8	.672/17.0	.313/7.9	2250/15500 2500/17200	9000/62000 10000/69000	4.00/100 3.12/80	50/15.2
885752 1800602*	-8	1/2	.766/19.4	.406/10.3	2000/13800 2250/15500	8000/55200 9000/62000	4.62/118 5.62/142	50/15.2
888118	-10	5/8	.922/23.4	.500/12.7	1750/12100	7000/48300	5.50/140	25/7.6
946301	-12	3/4	1.078/27.4	.625/15.8	1500/10400	6000/41400	6.50/165	25/7.6
946302	-16	1	1.234/31.2	.875/22.2	800/5500	3200/22100	7.38/188	25/7.6
946303	-20	1-1/4	1.500/38.1	1.125/28.7	625/4300	2500/17200	9.00/228	15/4.6
947380	-24	1-1/2	1.750/44.4	1.375/35.0	500/3500	2000/13800	10.50/266	15/4.6

## RUBBER COVERED

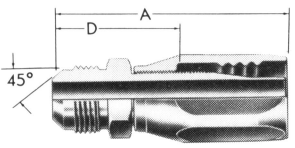
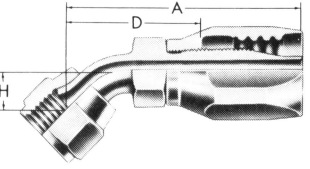
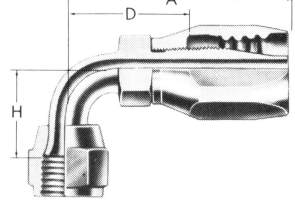

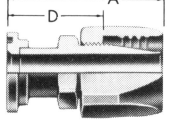
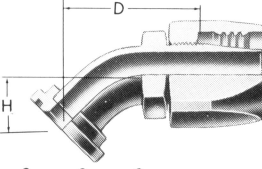
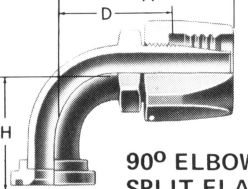
887871**	-6	3/8	.672/17.0	.313/7.9	2250/15500	9000/62000	4.00/100	50/15.2
887872**	-8	1/2	.766/19.4	.406/10.3	2000/13800	8000/55200	4.62/118	50/15.2

# MEDIUM PRESSURE COUPLINGS

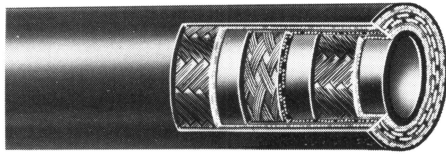
	Clark Part Number	Fitting Dash Size	Hose Dash Size	Thread	A In/mm	D In/mm	Quantity Per Box
 <p><b>MALE PIPE</b></p>	885782	-2	-4	1/8-27	1.68/43	.93/24	10
	888125	-4	-4	1/4-18	1.87/47	1.12/28	10
	885783	-4	-5	1/4-18	1.96/50	1.18/30	10
	885784	-4	-6	1/4-18	2.13/54	1.23/31	10
	1800576	-6	-6	3/8-18	2.13/54	1.23/31	10
	885785	-6	-8	3/8-18	2.48/63	1.33/34	10
	885837	-8	-8	1/2-14	2.73/69	1.58/40	10
	888126	-8	-10	1/2-14	2.88/73	1.59/40	5
	1800577	-12	-10	3/4-14	2.94/75	1.65/42	5
	1800578	-8	-12	1/2-14	3.24/82	1.68/43	5
	946328	-12	-12	3/4-14	3.24/82	1.67/42	1
	947355	-12	-16	3/4-14	2.80/71	1.53/39	1
	946329	-16	-16	1-11-1/2	2.99/76	1.72/44	5
	947356	-16	-20	1-11-1/2	3.20/81	1.84/47	1
	946330	-20	-20	1-1/4-11-1/2	3.23/82	1.87/47	1
	947357	-20	-24	1-1/4-11-1/2	3.58/91	2.12/54	4
 <p><b>S.A.E. 37° (J.I.C.) SWIVEL</b></p>	885778	-4	-4	7/16-20	1.97/50	1.23/31	10
	885779	-5	-5	1/2-20	2.12/54	1.35/34	10
	885780	-6	-6	9/16-18	2.33/59	1.43/36	10
	1801786	-8	-6	3/4-16	2.42/62	1.52/38	10
	885781	-8	-8	3/4-16	2.78/71	1.62/41	10
	888121	-10	-10	7/8-14	3.10/79	1.81/46	10
	1800585	-12	-10	1-1/16-12	3.19/81	1.91/49	10
	946325	-12	-12	1-1/16-12	3.49/89	1.92/49	5
	946326	-16	-16	1-5/16-12	3.19/81	1.93/49	5
	946327	-20	-20	1-5/8-12	3.43/87	1.75/44	1
 <p><b>S.A.E. 45° SWIVEL</b></p>	885774	-4	-4	7/16-20	1.97/50	1.23/31	10
	885839	-5	-5	1/2-20	2.12/54	1.35/34	10
	885775	-6	-6	5/8-18	2.36/60	1.46/37	10
	885776	-8	-8	3/4-16	2.78/71	1.62/41	10
	888119	-10	-10	7/8-14	3.10/79	1.81/46	10
	1800592	-12	-12	1-1/16-14	3.49/89	1.92/49	1
 <p><b>S.A.E. 37° (J.I.C.) MALE FLARE</b></p>	885838	-4	-4	7/16-20	1.85/47	1.10/28	10
	885786	-5	-5	1/2-20	1.95/50	1.17/30	10
	885787	-6	-6	9/16-18	2.12/54	1.22/31	10
	885788	-8	-8	3/4-16	2.57/65	1.42/36	10
	888122	-10	-10	7/8-14	2.88/73	1.60/41	10
	1800579	-12	-10	1-1/16-12	3.05/77	1.76/45	5
	946339	-12	-12	1-1/16-12	3.35/85	1.78/45	5
	946340	-16	-16	1-5/16-12	2.96/75	1.69/43	4



# MEDIUM PRESSURE COUPLINGS

	Clark Part Number	Fitting Dash Size	Hose Dash Size	Flange Head Dia. In/mm	Elbow Angle	Flange 2 Req'd.	A In/mm	D In/mm	H In/mm	Quantity Per Box
 <b>SAE 45° MALE FLARE</b>	885840	-4	-4	7/16-20	—	—	1.80/46	1.06/27	—	10
	885841	-5	-5	1/2-20	—	—	1.97/50	1.18/30	—	10
	885842	-6	-6	5/8-18	—	—	2.19/56	1.28/32	—	10
	885777	-8	-8	3/4-16	—	—	2.66/68	1.51/38	—	10
	888120	-10	-10	7/8-14	—	—	3.00/76	1.72/44	—	10
 <b>45° ELBOW</b>	884749	-4	-4	7/16-20	45°	—	1.85/47	1.10/28	.33/8	1
	884750	-5	-5	1/2-20	45°	—	2.07/53	1.29/32	.36/9	1
	884751	-6	-6	5/8-18	45°	—	2.23/57	1.33/34	.40/10	1
	884752	-6	-6	9/16-18	45°	—	2.23/57	1.33/34	.40/10	1
	884753	-8	-8	3/4-16	45°	—	2.99/76	1.84/47	.55/14	1
 <b>90° ELBOW</b>	888124	-10	-10	7/8-14	45°	—	3.24/82	1.95/50	.64/16	1
	884742	-4	-4	7/16-20	90°	—	1.74/44	.99/25	.68/17	1
	884743	-5	-5	1/2-20	90°	—	1.96/50	1.18/30	.77/20	1
	884744	-6	-6	5/8-18	90°	—	2.13/54	1.23/31	.85/22	1
	884745	-6	-6	9/16-18	90°	—	2.13/54	1.23/31	.85/22	1
 <b>90° ELBOW</b>	884746	-8	-8	3/4-16	90°	—	2.76/70	1.61/41	1.09/28	1
	888123	-10	-10	7/8-14	90°	—	2.94/74.6	1.65/42	1.23/31	1
 <b>STRAIGHT/SPLIT FLANGE</b>	898890	-16	-12	1.75	—	19J-16	3.55/90	1.98/50	—	1
	898891	-16	-16	1.75	—	19J-16	2.77/70	1.50/38	—	1
	898892	-20	-16	2.00	—	19J-20	3.36/85	2.09/53	—	1
	947359	-24	-20	2.38	—	19J-24	3.58/91	2.21/56	—	1
 <b>22½°-30°-45° ELBOW/SPLIT FLANGE</b>	898893	-16	-16	1.75	22-1/2°	19J-16	3.55/90	2.28/58	.50/13	1
	898900	-16	-16	1.75	30°	19J-16	3.31/34	2.04/52	.50/13	1
	898894	-16	-16	1.75	45°	19J-16	3.80/96	2.53/64	1.12/28	1
	898895	-20	-16	2.00	45°	19J-20	3.80/96	2.53/64	1.12/28	1
	947360	-16	-20	1.75	45°	19J-16	4.12/105	2.75/70	1.12/28	1
 <b>90° ELBOW SPLIT FLANGE</b>	946331	-16	-12	1.75	90°	19J-16	3.74/95	2.17/55	2.12/54	1
	946332	-16	-16	1.75	90°	19J-16	3.55/40	2.28/58	2.38/60	1
	898896	-20	-16	2.00	90°	19J-20	3.55/90	2.28/58	2.38/60	1
	947354	-16	-20	1.75	90°	19J-16	3.76/96	2.40/61	2.38/60	1
	898897	-20	-20	2.00	90°	19J-20	4.02/102	2.65/67	2.50/64	1

# MEDIUM PRESSURE HOSE



## SINGLE WIRE BRAID CONSTRUCTION:

Synthetic rubber inner tube, single wire braid reinforcement and abrasion resistant synthetic rubber cover.

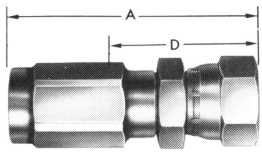
## TEMPERATURE RANGE:

-40°F. to +200°F. (-40°C. to +93°C.) Meets or exceeds SAE100R1T.

## APPLICATION:

Hydraulics, gasoline, air, crude, fuel and lubrication oils.

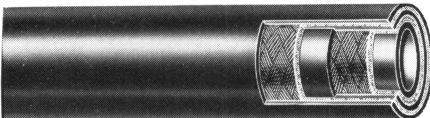
Clark Part Number	Hose Dash Size	O.D. Tube Size	Hose O.D. In/mm	Hose I.D. In/mm	Recom. Working Pressure P.S.I./kPa	Min. Burst P.S.I./kPa	Min. Bend Radius In/mm	Per Box Ft/m
1800935	-6	1/2	.69/17.5	.375/9.5	2250/15500	9000/62000	5/127	60/18.2
1800937	-8	5/8	.81/20.6	.500/12.7	2000/13800	8000/55200	7/188	60/18.2



SAE 37° (JIC) SWIVEL

Clark Part Number	Fitting Dash Size	Hose Dash Size	Thread	A In/mm	D In/mm	Quantity Per Box
1800936	-8	-6	3/4-16	2.77/70	1.82/46	10
1800941	-8	-8	3/4-16	3.10/79	2.01/51	10
1800938	-10	-8	7/8-14	3.21/82	2.12/54	10

# HIGH PRESSURE HOSE



## DOUBLE WIRE BRAID HOSE CONSTRUCTION:

Synthetic rubber inner tube, double wire braid reinforcement and synthetic rubber outer cover.

NOTE: Hose pressures impulse tested at peak pressures which are 133% of operating pressures.

## TEMPERATURE RANGE:

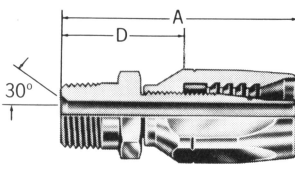
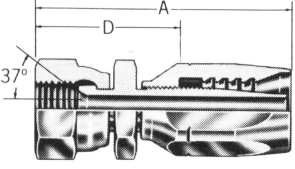
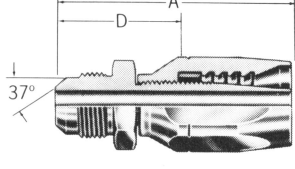
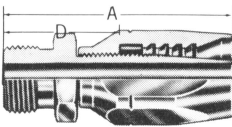
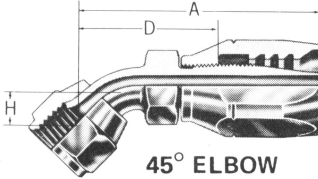
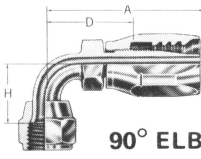
-40°F. to +200°F. (-40°C. to +93°C.) Meets or exceeds SAE100R2A.

## APPLICATION:

For high pressure hydraulics, crude, fuel and lubricating oils, and gasoline.

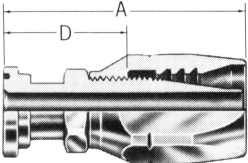
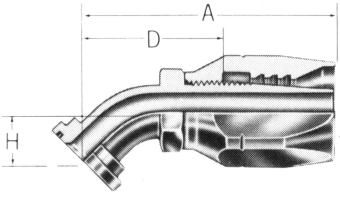
Clark Part Number	Hose Dash Size	O.D. Tube Size	Hose O.D. In/mm	Hose I.D. In/mm	Recom. Working Pressure P.S.I./kPa	Min. Burst P.S.I./kPa	Min. Bend Radius In/mm	Quantity Per Box Ft/m
885753	-8	1/2	.984/25.0	.500/12.7	4250/29300	14000/96500	7/188	25/7.6
899793	-10	5/8	1.094/27.7	.625/15.8	3250/22400	11000/75800	8/203	25/7.6
885754	-12	3/4	1.250/31.8	.75/19.0	3000/20700	9000/63000	9.5/240	25/7.6
885755	-16	1	1.562/39.6	1.0/25.4	2500/17200	8000/55200	12/305	25/7.6
885756	-20	1-1/4	2.000/50.8	1.25/31.7	2250/15500	6500/44800	16.5/420	15/4.6
946304	-24	1-1/2	2.250/57.2	1.5/38.1	1750/12100	5000/34500	20/508	15/4.6
1800594	-32	2	2.750/69.8	2.0/50.8	1250/8600	4000/27600	25/635	15/4.6

# HIGH PRESSURE COUPLINGS

	Clark Part Number	Fitting Dash Size	Hose Dash Size	Thread	Elbow Angle In/mm	A In/mm	D In/mm	H In/mm	Quantity Per Box
 <p><b>MALE PIPE</b></p>	1800581	-6	-6	3/8-18		2.75/70	1.28/33		10
	1800582	-6	-8	3/8-18		2.84/72	1.32/34		10
	885793	-8	-8	1/2-14		3.09/78	1.58/40		10
	1800632	-8	-10	1/2-14		3.18/81	1.63/41		5
	885794	-12	-12	3/4-14		3.61/92	1.74/44		5
	885795	*-16	-16	1-11-1/2		4.40/112	2.36/60		4
	884731	-20	-20	1-1/4-11-1/2		4.90/124	2.59/66		1
	898880	-24	-24	1-1/2-11-1/2		4.98/126	2.74/70		1
	898881	-32	-32	2-11-1/2		5.50/140	3.05/77		1
 <p><b>SAE 37° (J.I.C) SWIVEL</b></p>	1800580	-8	-6	3/4-16		3.11/79	1.63/41		10
	946306	-8	-8	3/4-16		3.20/81	1.68/43		10
	885789	-10	-8	7/8-14		3.31/84	1.80/46		10
	1800651	-12	-8	1-1/16-12		3.40/86	1.89/48		1
	1800633	-10	-10	7/8-14		3.40/86	1.85/47		5
	1800652	-12	-10	1-1/16-12		3.50/89	1.94/49		1
	885790	-12	-12	1-1/16-12		3.89/99	1.99/51		5
	885791	-14	-12	1-3/16-12		3.94/100	2.06/52		4
	1800653	*-16	-12	1-5/16-12		4.00/102	2.13/54		1
	885792	-16	-16	1-5/16-12		4.48/114	2.43/62		4
	1800654	-20	-16	1-5/8-12		4.63/118	2.58/66		1
	884740	-20	-20	1-5/8-12		5.10/130	2.78/71		1
	898877	-24	-24	1-7/8-12		5.16/131	2.93/74		1
 <p><b>SAE 37° (J.I.C) MALE FLARE</b></p>	1800583	-8	-6	3/4-16		2.91/74	1.44/37		1
	1800584	-8	-8	3/4-16		2.99/76	1.48/38		5
	885796	-10	-8	7/8-14		3.10/79	1.59/40		5
	1800655	-12	-8	1-1/16-12		3.26/83	1.75/44		1
	1800634	-10	-10	7/8-14		3.19/81	1.64/42		5
	885843	-12	-12	1-1/16-12		3.72/94	1.85/47		5
	885797	-14	-12	1-3/16-12		3.75/95	1.88/48		4
	1800656	*-16	-12	1-5/16-12		3.90/99	2.03/52		1
	885798	-16	-16	1-5/16-12		4.38/111	2.33/59		4
	1800657	-20	-16	1-5/8-12		4.42/112	2.37/60		1
	884741	-20	-20	1-5/8-12		4.89/124	2.58/66		1
 <p><b>SAE STRGT THREAD</b></p>	885844	-10	-8	7/8-14		2.84/72	1.33/34		5
	885845	-12	-12	1-1/16-12		3.46/88	1.59/40		5
	1800662	-14	-12	1-3/16-12		3.46/88	1.59/40		1
	885846	*-16	-16	1-5/16-12		3.93/100	1.87/47		4
 <p><b>45° ELBOW</b></p>	884754	-12	-12	1-1/16-12	45°	4.15/105	2.28/58	.78/20	1
	884755	*-16	-16	1-5/16-12	45°	4.85/123	2.80/71	.89/23	1
 <p><b>90° ELBOW</b></p>	884747	-12	-12	1-1/16-12	90°	4.11/104	2.24/57	1.82/46	1
	884748	*-16	-16	1-5/16-12	90°	4.84/123	2.79/71	2.14/54	1
	898902	-12	-12	1-1/16-12	90°	4.11/104	2.24/57	3.73/95	1

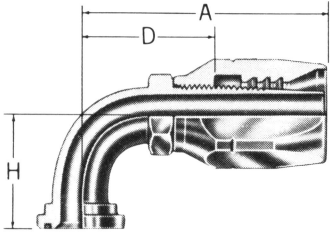
\*Note: Sockets stamped with 4013 require special assembly technique.



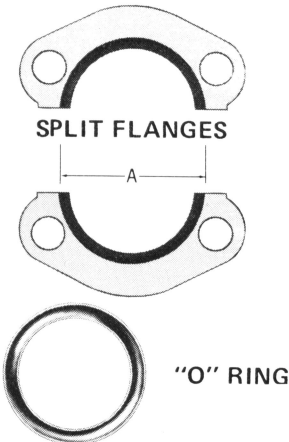
	Clark Part Number	Fitting Dash Size	Hose Dash Size	Flange Head Dia. In/mm	Flange 2 Req'd.	Elbow Angle	A In/mm	D In/mm	H In/mm	Quantity Per Box
	884764	-8	-8	1.19/30.2	19J-08	—	3.30/77	1.52/39	—	1
	884765	-12	-12	1.50/38.1	19J-12	—	3.53/90	1.66/42	—	1
	898884	*-16	-12	1.75/44.5	19J-16	—	3.92/100	2.05/52	—	1
	884766	*-16	-16	1.75/44.5	19J-16	—	4.06/103	2.01/51	—	1
	946307	-20	-16	2.00/50.8	19J-20	—	4.65/118	2.60/66	—	1
	1800659	-24	-16	2.38/60.5	19J-24	—	4.72/120	2.66/68	—	1
	1800658	*-16	-20	1.75/44.5	19J-16	—	5.61/142	3.29/84	—	1
	884767	-20	-20	2.00/50.8	19J-20	—	5.25/133	2.93/74	—	1
	946308	-24	-20	2.38/60.5	19J-24	—	5.25/133	2.93/74	—	1
	946309	-24	-24	2.38/60.5	19J-24	—	5.51/140	3.27/83	—	1
<b>STRAIGHT/SPLIT FLANGE</b>	898885	-32	-32	2.81/71.4	19J-32	—	6.37/162	3.93/100	—	1
	898873	*-16	-12	1.75/44.5	19J-16	22-1/2°	4.32/110	2.45/62	.50/13	1
	898874	*-16	-16	1.75/44.5	19J-16	22-1/2°	4.84/123	2.79/71	.50/13	1
	898875	-20	-16	2.00/50.8	19J-20	22-1/2°	4.84/123	2.79/71	.50/13	1
	946341	-12	-12	1.50/38.1	19J-12	30°	4.38/111	2.51/64	.69/175	1
	946342	*-16	-12	1.75/44.5	19J-16	30°	4.38/111	2.51/64	.69/18	1
	946343	*-16	-16	1.75/44.5	19J-16	30°	4.61/117	2.56/65	.50/13	1
	946344	-20	-16	2.00/50.8	19J-20	30°	4.61/117	2.56/65	.50/13	1
	946345	-20	-20	2.00/50.8	19J-20	30°	6.06/154	3.74/95	.96/24.4	1
	1800661	-24	-20	2.38/60.5	19J-24	30°	6.06/154	3.74/95	.96/24	1
	884776	-8	-8	1.19/30.2	19J-08	45°	3.71/94	2.20/56	1.00/25	1
	884777	-12	-12	1.50/38.1	19J-12	45°	4.34/110	2.47/63	1.00/25	1
	898886	*-16	-12	1.75/44.5	19J-16	45°	4.39/111	2.52/64	1.00/25	1
	884778	*-16	-16	1.75/44.5	19J-16	45°	5.09/129	3.04/77	1.12/28	1
	898887	-20	-16	2.00/50.8	19J-20	45°	5.09/129	3.04/77	1.12/28	1
	946310	*-16	-20	1.75/44.5	19J-16	45°	5.68/144	3.36/85	1.12/28	1
	884779	-20	-20	2.00/50.8	19J-20	45°	5.68/144	3.46/88	1.12/28	1
	946311	-24	-20	2.38/60.5	19J-24	45°	5.78/147	3.46/88	1.12/28	1
	946312	-24	-24	2.38/60.5	19J-24	45°	5.87/149	3.63/92	1.12/28	1
<b>22½°–30°–45° ELBOW/SPLIT FLANGE</b>										

\*Note: Sockets stamped with 4013 require a special assembly technique.

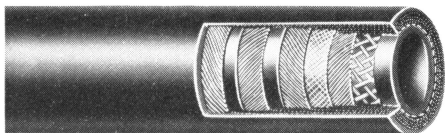
# HIGH PRESSURE COUPLINGS

	Clark Part Number	Fitting Dash Size	Hose Dash Size	Flange Head Dia. In/mm	Flange 2 Req'd.	Elbow Angle	A In/mm	D In/mm	H In/mm	Quantity Per Box
 <p>60°-67½°-90° ELBOW/SPLIT FLANGE</p>	946313	*-16	-16	1.75/44.4	19J-16	60°	5.16/131	3.10/79	1.64/42	1
	946315	-20	-16	2.00/50.8	19J-20	60°	5.16/131	3.10/79	1.64/42	1
	946317	-20	-20	2.00/50.8	19J-20	60°	5.89/150	3.57/91	1.64/42	1
	946314	-24	-20	2.38/60.4	19J-24	60°	5.89/150	3.57/91	1.64/42	1
	946316	-24	-24	2.38/60.4	19J-24	60°	6.22/158	3.99/101	2.00/57	1
	898888	*-16	-12	1.75/44.4	19J-16	67-1/2°	4.37/111	2.50/64	1.62/41	1
	898889	*-16	-16	1.75/44.4	19J-16	67-1/2°	5.07/129	3.02/77	1.75/44	1
	946318	-20	-16	2.00/50.8	19J-20	67-1/2°	5.07/129	3.02/77	1.75/44	1
	946319	-20	-20	2.00/50.8	19J-20	67-1/2°	5.88/149	3.56/90	1.87/47	1
	946320	-24	-24	2.38/60.4	19J-24	67-1/2°	6.08/154	3.84/98	2.00/51	1
	884770	-8	-8	1.19/30.2	19J-08	90°	3.15/80	1.64/42	1.62/41	1
	884771	-12	-12	1.50/38.1	19J-12	90°	4.11/104	2.24/57	2.12/54	1
	898898	*-16	-12	1.75/44.4	19J-16	90°	4.11/104	2.24/57	2.12/54	1
	884772	*-16	-16	1.75/44.4	19J-16	90°	4.84/123	2.79/71	2.38/60	1
	946321	-20	-16	2.00/50.8	19J-20	90°	4.84/123	2.79/71	2.38/60	1
	946322	-24	-16	2.38/60.4	19J-24	90°	4.84/123	2.79/71	2.44/62	1
	1800660	*-16	-20	1.75/44.4	19J-16	90°	5.44/138	3.12/79	2.50/64	1
	884773	-20	-20	2.00/50.8	19J-20	90°	5.68/144	3.36/85	2.50/64	1
	946323	-24	-20	2.38/60.4	19J-24	90°	5.68/144	3.36/85	2.50/64	1
	946324	-24	-24	2.38/60.4	19J-24	90°	5.91/150	3.68/93	2.75/70	1

\*Note: Sockets stamped with 4013 require a special assembly technique.

	S.A.E. Flange Size	Flange Dash Size	A In/mm	Clark Part Number		Quantity Per Box
				Split Flange	“O” Ring	
 <p>SPLIT FLANGES</p> <p>“O” RING</p>	STANDARD					
	1/2	-8	1.22/31.0	19J-08	58K-210	1
	3/4	-12	1.53/38.8	19J-12	58K-214	1
	1	-16	1.78/45.2	19J-16	1306622	1
	1-1/4	-20	2.03/51.5	19J-20	58K-222	1
	1-1/2	-24	2.41/61.2	19J-24	58K-225	1
	2	-32	2.84/72.1	19J-32	58K-228	1

# VERY HIGH PRESSURE HOSE



## SPIRAL WIRE WRAP HOSE CONSTRUCTION:

Synthetic rubber inner tube, partial cotton wrap, 4-spiral wire wrap reinforcement, synthetic rubber cover.

## TEMPERATURE RANGE:

-40°F. to +200°F. (-40°C. to +93°C.)

## APPLICATION:

Particularly recommended for hydraulic systems subjected to high surge peaks and severe operating conditions.

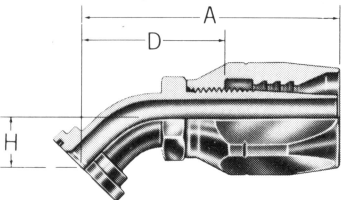
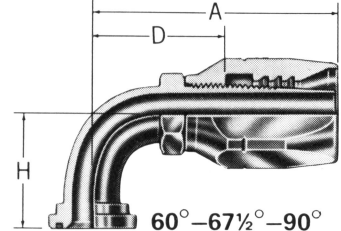
Clark Part Number	Hose Dash Size	O.D. Tube Size	Hose O.D. In/mm	Hose I.D. In/mm	Recom. Working Pressure P.S.I./kPa	Min. Burst P.S.I./kPa	Min. Bend Radius In/mm	Quantity Per Box Ft/m
1800992	-16	1	1.562/39.6	1.000/25.4	3000/20700	10000/69000	11.00/280	25/7.6
948123	-20	1-1/4	2.00/50.8	1.250/31.8	2500/17200	10000/69000	18.00/460	25/7.6
948124	-24	1-1/2	2.250/57.1	1.500/38.1	2500/17200	10000/69000	22.00/560	25/7.6

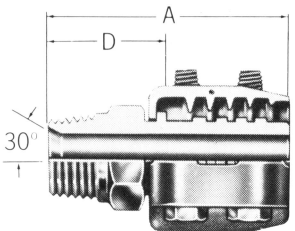
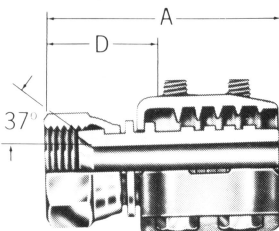
# VERY HIGH PRESSURE COUPLINGS

	Clark Part Number	Fitting Dash Size	Hose Dash Size	Thread or Flange Head Dia. In/mm	Elbow Angle	Flange 2 Req'd.	A In/mm	D In/mm	H In/mm	Quantity Per Box
 <b>MALE PIPE</b>	1801001	-16	-16	1-11-1/2	—	—	4.40/112	2.36/60	—	1
 <b>S.A.E. 37° (J.I.C.) SWIVEL</b>	1800102	-16	-16	1-5/16 -12	—	—	4.48/114	2.43/62	—	1
 <b>STRAIGHT/SPLIT FLANGE</b>	1800993	-16	-16	1.75/44.4	—	19J-16	4.06/103	2.01/51	—	1
	1800994	-20	-16	2.00/50.8	—	19J-20	4.65/118	2.60/66	—	1

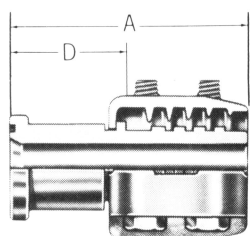


# VERY HIGH PRESSURE COUPLINGS

	Clark Part Number	Fitting Dash Size	Hose Dash Size	Thread or Flange Head Dia. In/mm	Elbow Angle	Flange 2 Req.	A In/mm	D In/mm	H In/mm	Quantity Per Box
 <p>22½°–30°–45° ELBOW/SPLIT FLANGE</p>	1800995	-16	-16	1.75/44.4	22-1/2°	19J-16	4.84/123	2.79/71	.50/13	1
	1800996	-16	-16	1.75/44.4	30°	19J-16	4.61/117	2.56/65	.50/13	1
	1800997	-16	-16	1.75/44.4	45°	19J-16	5.09/129	3.04/77	1.12/28	1
 <p>60°–67½°–90° ELBOW/SPLIT FLANGE</p>	1800998	-16	-16	1.75/44.4	60°	19J-16	5.16/131	3.10/79	1.64/42	1
	898889	-16	-16	1.75/44.4	67-1/2°	19J-16	5.07/129	3.02/77	1.75/44	1
	1800999	-16	-16	1.75/44.4	90°	19J-16	4.84/123	2.79/71	2.38/60	1
	1801000	-20	-16	2.00/50.8	90°	19J-20	4.84/123	2.79/71	2.38/60	1

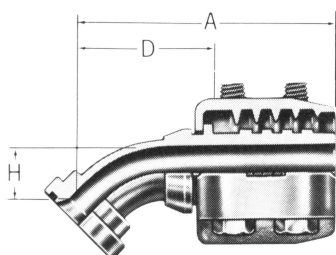
	Clark Nipple Number	Clark Socket Number	Fitting Dash Size	Hose Dash Size	Thread	A In/mm	D In/mm	Quantity Per Box
 <p>MALE PIPE</p>	948033	948120	-20	-20	1-1/4-11-1/2	4.59/117	2.18/55	1
	948084	948122	-24	-24	1-1/2-11-1/2	5.17/131	2.38/60	1
 <p>S.A.E. 37° (J.I.C.) SWIVEL</p>	948085	948120	-20	-20	1-5/8-12	4.28/109	1.87/47	1

Clark Nipple Number	Clark Socket Number	Flange 2 Req'd.	Fitting Dash Size	Hose Dash Size	Flange Head Dia. In/mm	Elbow Angle	A In/mm	D In/mm	H In/mm	Quantity Per Box
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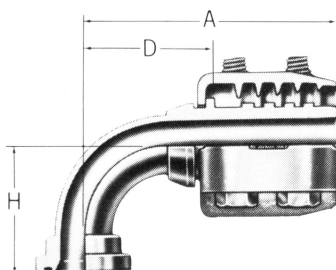
**STRAIGHT/SPLIT FLANGE**

948086	948120	19J-16	-16	-20	1.75/44.4		4.84/123	2.43/62		1
948087	948120	19J-20	-20	-20	2.00/50.8		4.80/122	2.39/61		1
948088	948120	19J-24	-24	-20	2.38/60.4		4.90/124	2.49/63		1
948089	948122	19J-20	-20	-24	2.00/50.8		5.49/139	2.70/69		1
948090	948122	19J-24	-24	-24	2.38/60.4		5.32/135	2.52/64		1
948091	948122	19J-32	-32	-24	2.81/71.4		5.36/136	2.57/65		1



**22½°—30°—45°  
ELBOW/SPLIT FLANGE**

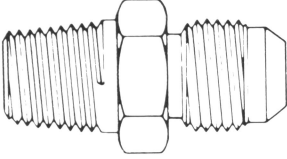
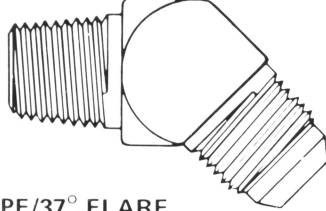
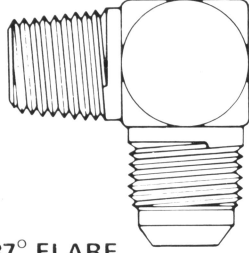
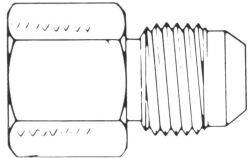
948092	948120	19J-20	-20	-20	2.00/50.8	22-1/2°	4.95/26	2.54/65	50/13	1
948093	948120	19J-24	-24	-20	2.38/60.4	22-1/2°	5.01/127	2.60/66	.52/13	1
948094	948122	19J-24	-24	-24	2.38/60.4	22-1/2°	5.49/139	2.70/69	.50/13	1
948095	948120	19J-16	-16	-20	1.75/44.4	30°	4.93/125	2.52/64	.65/17	1
948096	948120	19J-20	-20	-20	2.00/50.8	30°	5.17/131	2.76/70	.75/19	1
948097	948120	19J-24	-24	-20	2.38/60.4	30°	5.22/133	2.81/71	.78/20	1
948098	948122	19J-24	-24	-24	2.38/60.4	30°	5.95/151	3.16/80	.88/22	1
948099	948120	19J-16	-16	-20	1.75/44.4	45°	5.15/131	2.74/70	1.12/28	1
948100	948120	19J-20	-20	-20	2.00/50.8	45°	5.25/133	2.84/72	1.12/28	1
948101	948120	19J-24	-24	-20	2.38/60.4	45°	5.30/135	2.89/73	1.17/30	1
948102	948122	19J-24	-24	-24	2.38/60.4	45°	5.84/148	3.05/77	1.12/28	1
948103	948122	19J-32	-32	-24	2.81/71.3	45°	5.93/151	3.14/80	1.21/31	1



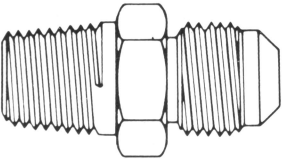
**60°—67½°—90°  
ELBOW/SPLIT FLANGE**

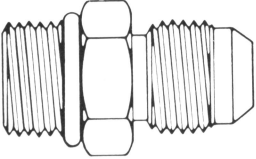
948104	948120	19J-20	-20	-20	2.00/50.8	60°	5.39/137	2.98/76	1.70/43	1
948105	948122	19J-24	-24	-24	2.38/60.4	60°	6.20/157	3.41/87	2.01/51	1
948106	948122	19J-32	-32	-24	2.81/71.3	60°	6.27/159	3.47/88	2.12/54	1
948107	948120	19J-20	-20	-20	2.00/50.8	67-1/2°	5.37/136	2.96/75	1.93/49	1
948108	948120	19J-24	-24	-20	2.38/60.4	67-1/2°	5.40/137	2.98/76	1.99/51	1
948109	948122	19J-24	-24	-24	2.38/60.4	67-1/2°	6.05/154	3.26/83	2.00/51	1
948110	948120	19J-16	-16	-20	1.75/44.4	90°	4.90/124	2.49/63	2.38/60	1
948111	948120	19J-20	-20	-20	2.00/50.8	90°	5.15/131	2.74/70	2.50/64	1
948116	948120	19J-20	-20	-20	2.00/50.8	90°	5.15/131	2.74/70	5.25/133	1
948112	948120	19J-24	-24	-20	2.38/60.4	90°	5.15/131	2.74/70	2.56/65	1
948113	948122	19J-20	-20	-24	2.00/50.8	90°	5.64/143	2.85/72	2.50/64	1
948114	948122	19J-24	-24	-24	2.38/60.4	90°	5.89/150	3.10/79	2.75/70	1
948115	948122	19J-32	-32	-24	2.81/71.4	90°	5.89/150	3.10/79	2.88/73	1

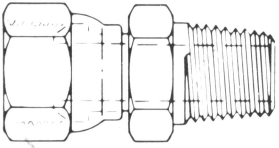
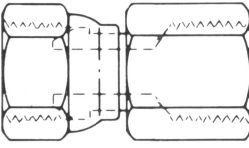
# ADAPTERS

	Clark Part Number	Pipe Thread	37° Flare Thread	Pipe Dash Size	J.I.C. Dash Size	O.D. Tube Size
	89F3	1/8-27	7/16-20	-2	-4	1/4
	89F4	1/8-27	1/2-20	-2	-5	5/16
	774433	1/4-18	7/16-20	-4	-4	1/4
	668385	1/4-18	1/2-20	-4	-5	5/16
	89F5	1/4-18	9/16-18	-4	-6	3/8
	712203	3/8-18	9/16-18	-6	-6	3/8
	712204	1/2-14	9/16-18	-8	-6	3/8
	799390	1/4-18	3/4-16	-4	-8	1/2
	89F6	3/8-18	3/4-16	-6	-8	1/2
	656598	1/2-14	3/4-16	-8	-8	1/2
	730136	3/4-14	3/4-16	-12	-8	1/2
	89F7	1/2-14	7/8-14	-8	-10	5/8
	662999	3/4-14	7/8-14	-12	-10	5/8
	663013	1/2-14	1-1/16-12	-8	-12	3/4
	89F8	3/4-14	1-1/16-12	-12	-12	3/4
	656532	3/4-14	1-5/16-12	-12	-16	1
	89F10	1-11-1/2	1-5/16-12	-16	-16	1
	89F11	1-1/4-11-1/2	1-5/8-12	-20	-20	1-1/4
	84F3	1/8-27	7/16-20	-2	-4	1/4
	84F5	1/4-18	9/16-18	-4	-6	3/8
	84F6	3/8-18	3/4-16	-6	-8	1/2
	84F7	1/2-14	7/8-14	-8	-10	5/8
	84F8	3/4-14	1-1/16-12	-12	-12	3/4
	84F10	1-11-1/2	1-5/16-12	-16	-16	1
	84F11	1-1/4-11-1/2	1-5/8-12	-20	-20	1-1/4
	83F3	1/8-27	7/16-20	-2	-4	1/4
	83F4	1/8-27	1/2-20	-2	-5	5/16
	83F5	1/4-18	9/16-18	-4	-6	3/8
	83F6	3/8-18	3/4-16	-6	-8	1/2
	83F7	1/2-14	7/8-14	-8	-10	5/8
	83F8	3/4-14	1-1/16-12	-12	-12	3/4
	83F10	1-11-1/2	1-5/16-12	-16	-16	1
	83F11	1-1/4-11-1/2	1-5/8-12	-20	-20	1-1/4
	93F3	1/8-27	7/16-20	-2	-5	1/4
	93F5	1/4-18	9/16-18	-4	-6	3/8
	93F6	3/8-18	3/4-16	-6	-8	1/2
	93F7	1/2-14	7/8-14	-8	-10	5/8
	93F8	3/4-14	1-1/16-12	-12	-12	3/4
	93F9	3/4-16	1-3/16-12	-12	-14	7/8

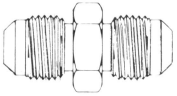
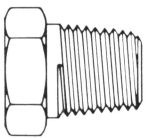
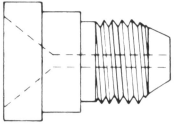
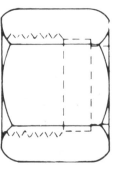
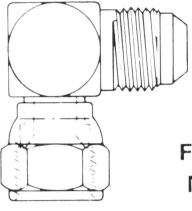
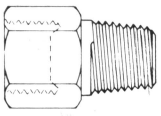
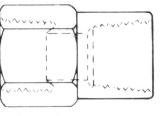


	Clark Part Number	Pipe Thread	SAE 45° Thread	Pipe Dash Size	S.A.E. Dash Size	O.D. Tube Size	Quantity Per Box
 <b>PIPE/45° FLARE</b>	38F3	1/8-27	7/16-20	-2	-4	1/4	1
	885799	1/4-18	7/16-20	-4	-4	1/4	10
	941423	3/8-18	5/8-18	-6	-6	3/8	1
	507753	1/2-14	3/4-16	-8	-8	1/2	1

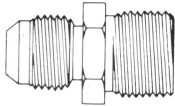

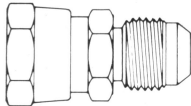
	Clark Part Number	"O" Ring	Straight Thread	37° Flare Thread	Straight Thread Dash Size	Flare Thread Dash Size	O.D. Tube Size	Quantity Per Box
 <b>"O" RING BOSS/37° FLARE</b>	15K3	91F3	7/16-20	7/16-20	-4	-4	1/4	1
	15K4	91F4	1/2-20	1/2-20	-5	-5	5/16	1
	15K5	91F5	9/16-18	9/16-18	-6	-6	3/8	1
	743108	91F6	3/4-16	9/16-18	-8	-6	3/8	1
	15K6	91F6	3/4-16	3/4-16	-8	-8	1/2	1
	15K7	91F7	7/8-14	7/8-14	-10	-10	5/8	1
	15K8	91F8	1-1/16-12	1-1/16-12	-12	-12	3/4	1
	15K-10	91F10	1-5/16-12	1-5/16-12	-16	-16	1	1

	Clark Part Number	Pipe Thread Male	Pipe Thread Female	Pipe Dash Size Male	Pipe Dash Size Female	Quantity Per Box
 <b>FEMALE/MALE</b>	36F2	1/4-18	1/4-18	-4	-4	1
	711237	3/8-18	1/4-18	-6	-4	1
	36F3	3/8-18	3/8-18	-6	-6	1
	663748	3/8-18	1/2-14	-6	-8	1
	36F4	1/2-14	1/2-14	-8	-8	1
	36F5	3/4-14	3/4-14	-12	-12	1
 <b>FEMALE/FEMALE</b>		Female	Female			
	37F2	1/4-18	1/4-18	-4	-4	1
	37F3	3/8-18	3/8-18	-6	-6	1
	37F4	1/2-14	1/2-14	-8	-8	1

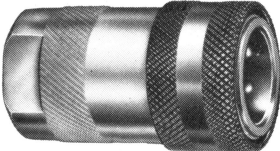
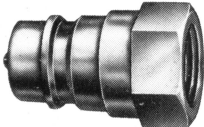
# ADAPTERS

	Clark Part Number	Male SAE Thread	Female SAE Thread	Male Pipe Thread	Female SAE Thread	Dash Size
 <b>45° FLARED TUBE UNION</b>	40F3	7/16-20				-4
	40F4	1/2-20				-5
	1307120	5/8-18-3/4-16				-6
	40F7	3/4-16				-8
	40F8	7/8-14				-10
	799157	3/4-16 7/8-14				12
 <b>PIPE REDUCING BUSHING</b>	19F3			3/8-18	1/4-18	-6
	19F5			1/2-14	1/4-18	-8
	356617			3/4-14	1/2-14	-12
	356621			1-11-1/2	3/4-14	-16
	356626			1-1/4-11-1/2	1-11-1/2	-20
	356631			1-1/2-11-1/2	1-1/4-11-1/2	-24
 <b>37°HYDRAULIC FLARED TUBE REDUCING ADAPTER</b>	9K1	7/16-20	Nut 80F-5			-4
	9K2	7/16-20	Nut 80F-6			-4
	9K3	9/16-18	Nut 80F-6			-6
	9K5	9/16-18	Nut 80F-7			-6
	9K8	3/4-16	Nut 80F-8			-8
	9K9	1-1/16-12	Nut 80F-10			-12
 <b>37° HYDRAULIC FLARED TUBE NUTS</b>	80F5		9/16-18			-6
	80F6		3/4-16			-8
	80F7		7/8-14			-10
	80F8		1-1/16-12			-12
	80F10		1-5/16-12			-16
 <b>37° HYDRAULIC FLARED TUBE FITTING-SWIVEL NUT 90° ELBOW</b>	11K5	9/16-18	9/16-18			-6
	11K6	3/4-16	3/4-16			-8
	11K7	7/8-14	7/8-14			-10
	11K8	1-1/16-12	1-1/16-12			-12
	11K10	1-5/16-12	1-5/16-12			-16
	11K11	1-5/8-12	1-5/8-12			-20
 <b>INVERTED FLARED TUBE CONNECTOR TO MALE PIPE</b>	59F3		7/16-20	1/8-27		-4
	59F4		1/2-20	1/8-27		-5
	59F5		1/2-20	1/4-18		-5
	59F6		5/8-18	1/4-18		-6
	59F7		11/16-18	1/4-18		-7
	59F8		3/4-18	3/8-18		-8
 <b>INVERTED FLARED TUBE FITTING- CONNECTOR TO FEMALE PIPE</b>	60F2		3/8-24		1/8-27	-3
	60F3		7/16-24		1/8-27	-4
	60F4		1/2-20		1/8-27	-5
	60F5		5/8-18		1/4-18	-6
	60F6		11/16-18		1/4-18	-7
	60F7		3/4-18		3/8-18	-8

# MEDIUM PRESSURE SELF-SEALING COUPLINGS

	Clark Part Number	J.I.C. Dash Size	O.D. Tube Size	J.I.C. Male Flare Thread
 <b>COUPLING HALF (Bulkhead)</b>	731425	-6-4	3/8	9/16-18
	731503	-6	3/8	9/16-18
	731461	-8	1/2	3/4-16
 <b>JAM NUT</b>	731446	-4	1/4-3/8	
	731459	-8	1/4-5/8	
 <b>COUPLING HALF (Tubing)</b>	731424	-6-4	3/8	9/16-18
	731502	-6	3/8	9/16-18
	731460	-8	1/2	3/4-16

# HIGH PRESSURE SELF-SEALING COUPLINGS

	Clark Part Number	Connector Thread		Pipe Thread	Dust Cap Part Number
 <b>COUPLING BODY ASSEMBLY</b>	1306141	1/4-27	NPTF	1/4	3755365
	1303605	3/8-18	NPTF	3/8	1303738
	1319584	9/16-18	St. Thread	3/8	1303738
	1313943	1/2-14	NPTF	1/2	1315173
	1314614	3/4-16	St. Thread	1/2	1315173
	1306881	1-1-1/2	NPTF	1	3150833
 <b>COUPLING ADAPTER ASSEMBLY</b>	1303607	1-5/16-12	St. Thread	1	3150833
	1306142	1/4-27	NPTF	1/4	6000689
	1303606	3/8-18	NPTF	3/8	1303737
	1319535	9/16-18	St. Thread	3/8	1303737
	1313944	1/2-14	NPTF	1/2	1315172
	1314615	3/4-16	St. Thread	1/2	1315172
	1306882	1-1-1/2	NPTF	1	3150834
	1303608	1-5/16-12	St. Thread	1	3150834



# CONVERSION TABLES

## INCH/MILLIMETER CONVERSION TABLE

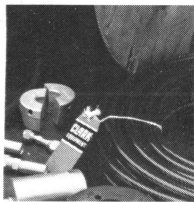
Inches      Millimeters			Inches      Millimeters			Inches      Millimeters		
Fractions	Decimals	Decimals	Fractions	Decimals	Decimals	Fractions	Decimals	Decimals
$\frac{1}{64}$	.016	.397	$\frac{25}{64}$	.391	9.922	$\frac{49}{64}$	.766	19.447
$\frac{1}{32}$	.031	.794	$\frac{13}{32}$	.406	10.319	$\frac{25}{32}$	.781	19.844
$\frac{3}{64}$	.047	1.191	$\frac{27}{64}$	.422	10.716	$\frac{51}{64}$	.797	20.241
$\frac{1}{16}$	.063	1.588	$\frac{7}{16}$	.438	11.113	$\frac{13}{16}$	.813	20.638
$\frac{5}{64}$	.078	1.984	$\frac{29}{64}$	.453	11.509	$\frac{53}{64}$	.828	21.034
$\frac{3}{32}$	.094	2.381	$\frac{15}{32}$	.469	11.906	$\frac{27}{32}$	.844	21.431
$\frac{7}{64}$	.109	2.778	$\frac{31}{64}$	.484	12.303	$\frac{55}{64}$	.859	21.828
$\frac{1}{8}$	.125	3.175	$\frac{1}{2}$	.500	12.700	$\frac{7}{8}$	.875	22.225
$\frac{9}{64}$	.141	3.572	$\frac{33}{64}$	.516	13.097	$\frac{57}{64}$	.891	22.622
$\frac{5}{32}$	.156	3.969	$\frac{17}{32}$	.531	13.494	$\frac{29}{32}$	.906	23.019
$\frac{11}{64}$	.172	4.366	$\frac{35}{64}$	.547	13.891	$\frac{59}{64}$	.922	23.416
$\frac{3}{16}$	.188	4.763	$\frac{9}{16}$	.563	14.288	$\frac{15}{16}$	.938	23.813
$\frac{13}{64}$	.203	5.159	$\frac{37}{64}$	.578	14.684	$\frac{61}{64}$	.953	24.209
$\frac{7}{32}$	.219	5.556	$\frac{19}{32}$	.594	15.081	$\frac{31}{32}$	.969	24.606
$\frac{15}{64}$	.234	5.953	$\frac{39}{64}$	.609	15.478	$\frac{63}{64}$	.984	25.003
$\frac{1}{4}$	.250	6.350	$\frac{5}{8}$	.625	15.875	1	1.000	25.400
$\frac{17}{64}$	.266	6.747	$\frac{41}{64}$	.641	16.272			
$\frac{9}{32}$	.281	7.144	$\frac{21}{32}$	.656	16.669			
$\frac{19}{64}$	.297	7.541	$\frac{43}{64}$	.672	17.066			
$\frac{5}{16}$	.313	7.938	$\frac{11}{16}$	.688	17.463			
$\frac{21}{64}$	.328	8.334	$\frac{45}{64}$	.703	17.859			
$\frac{11}{32}$	.344	8.731	$\frac{23}{32}$	.719	18.256			
$\frac{23}{64}$	.359	9.128	$\frac{47}{64}$	.734	18.653			
$\frac{3}{8}$	.375	9.525	$\frac{3}{4}$	.750	19.050			

## POUNDS PER SQUARE INCH (PSI) TO KILOPASCAL (kPa)

	0	1	2	3	4	5	6	7	8	9
PSI	kPa	kPa	kPa	kPa	kPa	kPa	kPa	kPa	kPa	kPa
0	—	6.895	13.790	20.684	27.579	34.474	41.369	48.263	55.158	62.053
10	68.948	75.842	82.737	89.632	96.527	103.421	110.316	117.211	124.106	131.000
20	137.895	144.790	151.685	158.579	165.474	172.369	179.264	186.158	193.053	199.948
30	206.843	213.737	220.632	227.527	234.422	241.317	248.211	255.106	262.001	268.896
40	275.790	282.685	289.580	296.475	303.369	310.264	317.159	324.054	330.948	337.843
50	344.738	351.633	358.527	365.422	372.317	379.212	386.106	393.001	399.896	406.791
60	413.685	420.580	427.475	434.370	441.264	448.159	455.054	461.949	468.843	475.738
70	482.633	489.528	496.423	503.317	510.212	517.107	524.002	530.896	537.791	544.686
80	551.581	558.475	565.370	572.265	579.160	586.054	592.949	599.844	606.739	613.633
90	620.528	627.423	634.318	641.212	648.107	655.002	661.897	668.791	675.686	682.581
100	689.476	696.370	703.265	710.160	717.055	723.950	730.844	737.739	744.634	751.529

## AUXILIARY VALVE KITS AND HOSE ADAPTATIONS

Factory engineered auxiliary valve kits and hose adaptations are available to fit many internal combustion and electric trucks. These Clark Kits allow you to obtain maximum performance from your attachments, from side shifters to roll clamps. Contact your Customer Services Salesman at the local Clark dealer for more information.

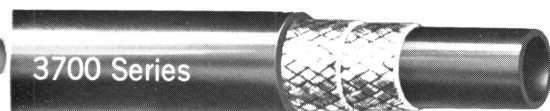


# CLARK/SYNFLEX HOSE & COUPLINGS

## MEDIUM-HIGH PRESSURE HOSE

*Polyurethane Core Tube, Double Synthetic Fiber Braid, Polyurethane Cover – meets or exceeds SAE 100R7 performance specifications*

1. Light, flexible, and rugged. One-third the weight of rubber hose. The most flexible medium pressure synthetic hose available today.
2. Smooth seamless interior surface of Clark/Synflex 3700 prevents dirt, scale, and oxide build-up.
3. Highly abrasion resistant polyurethane jacket combined with synthetic reinforcement and polyurethane inner core shrugs off impact that would cause wire reinforced products to fail.
4. Long continuous lengths eliminate short scrap pieces when making assemblies.
5. No metal reinforcement to fatigue.
6. Clark/Synflex 3700 Series hose can be worked at maximum working pressure and minimum SAE bend radius without shortening service life.
7. Operating temperatures: Rated from -40°F. through +200°F.



### 3700 SERIES:

ONLY permanently attached couplings should be used with Clark/Synflex 3700 Hose.

Clark Part Number	Synflex No.	I.D. Nom. Inches	I.D. Nom. mm	Max. O.D. Inches	Min. Bend Rad. Inches	Min. Burst Pressure P.S.I.	Min. Burst Pressure BAR	Working Pressure P.S.I.	Working Pressure BAR	% of Elongation At Working Pressure	Weight Per 100 Pounds	Weight kg/100m
1323044	3700-03	3/16"	4	.423	3/4"	12,000	827	3,000	207	±2%	5.1	7.7
1321834	3700-04	1/4"	6	.513	1-1/4"	11,000	758	2,750	190	±2%	6.8	10.3
1321833	3700-05	5/16"	8	.590	1-3/4"	10,000	689	2,500	172	±2%	7.7	12.2
1321835	3700-06	3/8"	10	.670	2"	9,000	620	2,250	155	±2%	9.5	14.4
1321669	3700-08	1/2"	13	.810	3"	8,000	552	2,000	138	±2%	13.2	19.9

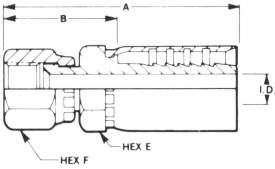
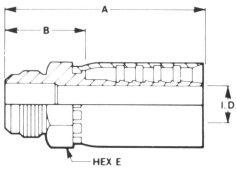
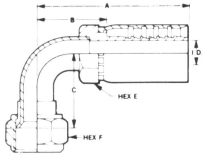
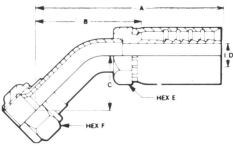
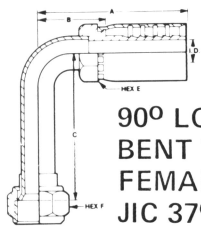


### 3700 TWIN LINE:

two 3700 series hoses bonded together for hose reel application.

Clark Part Number	Synflex No.	I.D. Nom. Inches	I.D. Nom. mm	Max. O.D. Inches	Min. Bend Rad. Inches	Min. Burst Pressure P.S.I.	Min. Burst Pressure BAR	Working Pressure P.S.I.	Working Pressure BAR	% of Elongation At Working Pressure	Weight Per 100 Pounds	Weight kg/100m
1323806	3770-21100-002	1/4"	6	.513	1-1/4"	11,000	758	2,750	190	±2%	14.0	20.6

# CLARK SYNPLEX: COUPLINGS

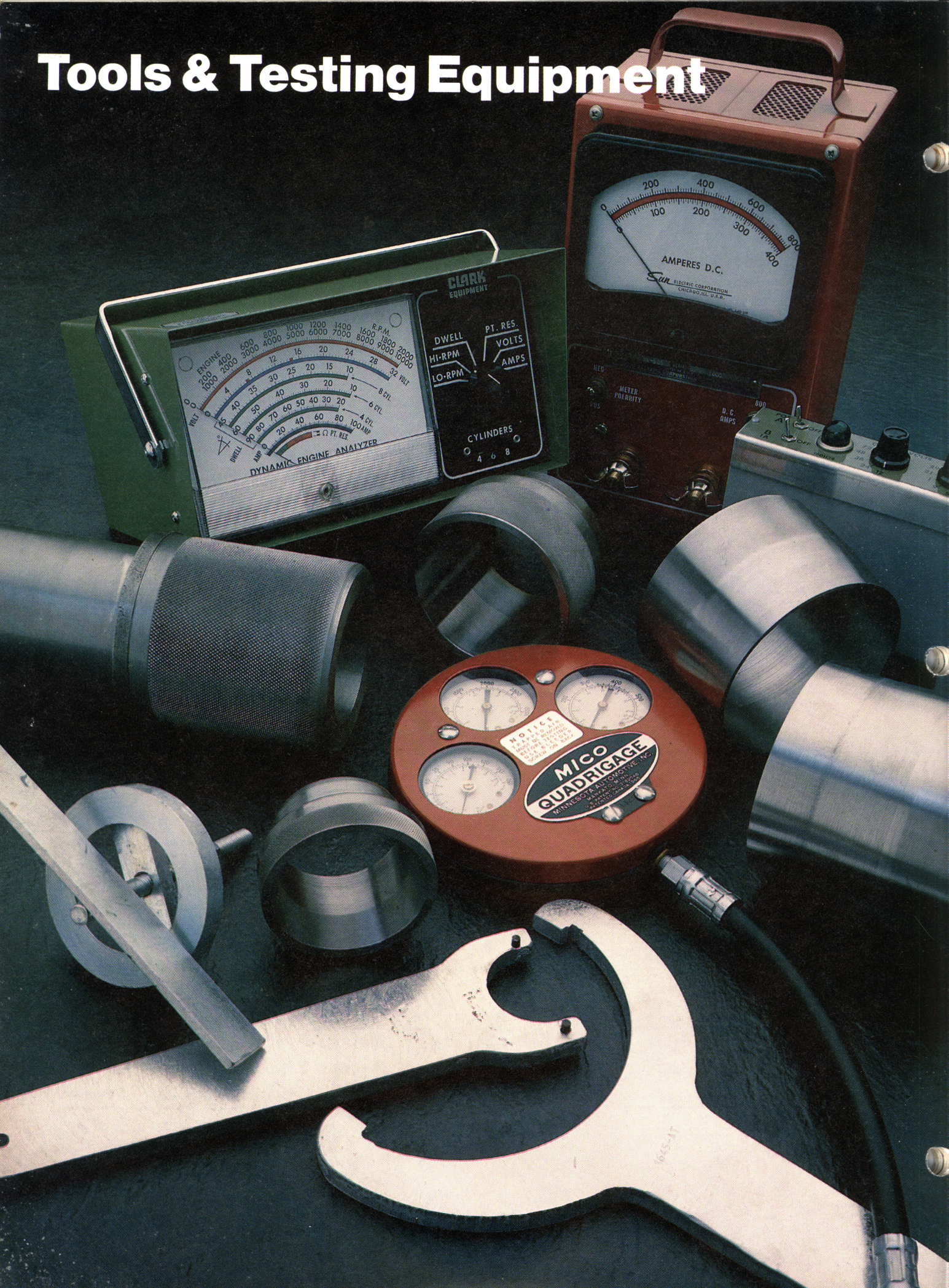
	Hose I.D.	Hose I.D. mm	Dash Size	Thread	Clark Part No.	Synflex No.	Overall Length A Inches	Overall Length A mm
 <p><b>JIC 37° FEMALE SWIVEL</b></p>	3/16	4	-4	7/16-20	1323045	3903-03544	2.281	57.91
	1/4	6	-4	7/16-20	1321836	3903-04544	2.531	64.26
	1/4	6	-5	1/2-20	1323176	3903-04545	2.531	64.26
	1/4	6	-6	9/16-18	1322070	3903-04546	2.531	64.26
	5/16	8	-5	1/2-20	1321837	3903-05545	2.531	64.26
	5/16	8	-6	9/16-18	1323046	3903-05546	2.531	64.26
	3/8	10	-6	9/16-18	1321838	3903-06546	2.813	71.37
	3/8	10	-8	3/4-16	1321839	3903-06548	2.813	71.37
	1/2	13	-8	3/4-16	1321670	3903-08548	3.156	80.26
	1/2	13	-10	7/8-14	1322967	3903-08550	3.156	80.26
 <p><b>JIC 37° MALE RIGID</b></p>	3/16	4	-4	7/16-20	1801497	3903-03504	2.175	55.37
	1/4	6	-4	7/16-20	1801498	3903-04504	2.300	58.42
	1/4	6	-5	1/2-20	1801499	3903-04505	2.300	58.42
	5/16	8	-5	1/2-20	1801500	3903-05505	2.362	59.94
	3/8	10	-6	9/16-18	1801501	3903-06506	2.588	65.79
	3/8	10	-8	3/4-16	1801502	3903-06508	2.689	68.32
	1/2	13	-8	3/4-16	1801503	3903-08508	2.876	73.15
	1/2	13	-10	7/8-14	1801504	3903-08510	3.102	78.74
 <p><b>90° SHORT BENT TUBE FEMALE SWIVEL, JIC 37°</b></p>	3/16	4	-4	7/16-20	1801483	3903-03644	2.188	55.63
	1/4	6	-5	1/2-20	1325390	3903-04645	2.375	60.45
	5/16	8	-6	9/16-18	1801485	3903-05646	2.438	61.98
	3/8	10	-6	9/16-18	1801486	3903-06646	2.625	66.80
	3/8	10	-8	3/4-16	1801487	3903-06648	2.751	69.85
	1/2	13	-8	3/4-16	1801488	3903-08648	2.938	76.20
	1/2	13	-10	7/8-14	1801489	3903-08650	3.062	79.50
 <p><b>45° BENT TUBE FEMALE SWIVEL, JIC 37°</b></p>	3/16	4	-4	7/16-20	1801490	3903-03604	2.428	61.72
	1/4	6	-5	1/2-20	1801491	3903-04605	2.645	67.31
	5/16	8	-6	9/16-18	1801492	3903-05606	2.734	69.34
	3/8	10	-6	9/16-18	1801493	3903-06606	2.921	74.16
	3/8	10	-8	3/4-16	1801494	3903-06608	3.097	78.74
	1/2	13	-8	3/4-16	1801495	3903-08608	3.284	85.09
	1/2	13	-10	7/8-14	1801496	3903-08610	3.523	89.41
 <p><b>90° LONG BENT TUBE FEMALE SWIVEL, JIC 37°</b></p>	3/16	4	-4	7/16-20	1801535	3903-03844	2.188	55.63
	1/4	6	-5	1/2-20	1801536	3903-04845	2.375	60.45
	5/16	8	-6	9/16-18	1801537	3903-05846	2.438	63.50
	3/8	10	-6	9/16-18	1801538	3903-06846	2.625	66.80
	3/8	10	-8	3/4-16	1801539	3903-06848	2.751	69.85
	1/2	13	-8	3/4-16	1801540	3903-08848	2.938	76.20
	1/2	13	-10	7/8-14	1801541	3903-08850	3.062	79.50



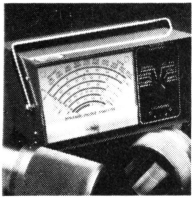
Cut Off B Inches	Cut Off B mm	Drop C Inches	Drop C mm	I.D. Nominal Hole thru Inches	Hex Inches		DIE		PUSHER	
					E	F	Clark No.	Synflex No.	Clark No.	Synflex No.
1-3/8	34.54			.109	9/16	5/8	1801532	4540-303	1801514	4599-FPO11
1-15/32	36.83			.156	5/8	5/8	1801217	4540-304	1801221	4599-FPO12
1-15/32	36.83			.156	5/8	3/4	1801217	4540-304	1801222	4599-FPO13
1-15/32	36.83			.156	5/8	3/4	1801217	4540-304	1801222	4599-FPO13
1-9/32	32.51			.219	5/8	3/4	1801218	4540-305	1801222	4599-FPO13
1-9/32	32.51			.291	5/8	3/4	1801218	4540-305	1801222	4599-FPO13
1-3/8	35.05			.281	3/4	3/4	1801219	4540-306	1801223	4599-FPO15
1-3/8	35.05			.281	3/4	15/16	1801219	4540-306	1801481	4599-FPO05
1-17/32	38.86			.391	7/8	15/16	1801220	4540-308	1801224	4599-FPO16
1-17/32	38.86			.391	7/8	1-1/16	1801220	4540-308	1801482	4599-FPO06
1-1/4	31.75			.109	9/16		1801532	4540-303	1801508	4599-MP001
1-1/4	30.99			.156	5/8		1801217	4540-304	1801509	4599-MP002
1-1/4	30.99			.156	5/8		1801217	4540-304	1801509	4599-MP002
1-1/16	26.67			.219	5/8		1801218	4540-305	1801509	4599-MP002
1-5/32	29.21			.281	3/4		1801219	4540-306	1801510	4599-MP005
1-1/4	31.75			.281	13/16		1801219	4540-306	1801511	4599-MP007
1-1/4	31.75			.391	7/8		1801220	4540-308	1801512	4599-MP008
1-13/32	35.81			.391	15/16		1801220	4540-308	1801513	4599-MP009
1-9/32	32.00	.875	22.35	.109	9/16	9/16	1801532	4540-303	1801515	4599-TP204
1-5/16	33.02	1.000	25.40	.156	5/8	5/8	1801217	4540-304	1801516	4599-TP002
1-3/16	30.23	1.125	28.70	.219	5/8	11/16	1801218	4540-305	1801705	4599-TP206
1-3/16	30.23	1.125	28.70	.281	3/4	11/16	1801219	4540-306	1801517	4599-TP208
1-5/16	33.27	1.375	35.05	.281	3/4	7/8	1801219	4540-306	1801517	4599-TP208
1-5/16	33.27	1.375	35.05	.391	7/8	7/8	1801220	4540-308	1801518	4599-TP308
1-7/16	36.58	1.625	41.40	.391	7/8	1	1801220	4540-308	1801518	4599-TP310
1-1/2	38.10	.467	11.94	.109	9/16	9/16	1801532	4540-303	1801515	4599-TP204
1-9/16	39.88	.526	13.46	.156	5/8	5/8	1801217	4540-304	1801516	4599-TP002
1-31/64	37.59	.588	14.99	.219	5/8	11/16	1801218	4540-305	1801705	4599-TP206
1-31/64	37.59	.588	14.99	.281	3/4	11/16	1801219	4540-306	1801517	4599-TP208
1-21/32	42.16	.713	18.03	.281	3/4	7/8	1801219	4540-306	1801517	4599-TP208
1-21/32	42.16	.713	18.03	.391	7/8	7/8	1801220	4540-308	1801518	4599-TP004
1-27/32	46.73	.839	21.33	.391	7/8	1	1801220	4540-308	1801706	4599-TP310
1-9/32	32.00	1.80	45.72	.109	9/16	9/16	1801532	4540-303	1801515	4599-TP204
1-5/16	33.02	1.77	44.96	.156	5/8	5/8	1801217	4540-304	1801516	4599-TP205
1-3/16	30.23	2.18	55.37	.219	5/8	11/16	1801218	4540-305	1801516	4599-TP206
1-3/16	30.23	2.18	55.37	.281	3/4	11/16	1801219	4540-306	1801517	4599-TP208
1-5/16	33.27	2.43	61.72	.281	3/4	7/8	1801219	4540-306	1801517	4599-TP208
1-5/16	33.27	2.43	61.72	.391	7/8	7/8	1801220	4540-308	1801518	4599-TP004
1-7/16	36.58	2.57	65.28	.391	7/8	1	1801220	4540-308	1801706	4599-TP310



# Tools & Testing Equipment

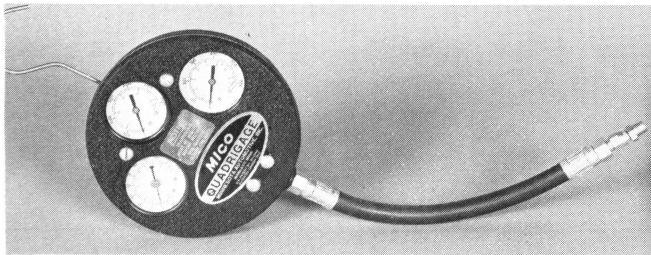






## TOOLS & TESTING EQUIPMENT

### GENERAL

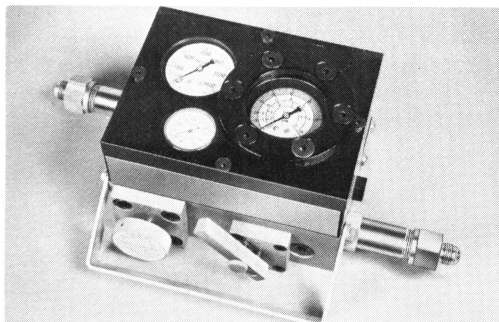


#### HYDRAULIC MICO QUADRIGAGE

##### Application

Measures pressure of a lift truck's power steering, transmission, and main line hydraulics. Incorporates four separate gauges to measure vacuum (0-30 INHG) and pressure ranges (to 3,000 psi).

PART NUMBER 1800106



#### HYDRA-SLEUTH

##### Application

Measures oil flow (2-60 GPM), temperature (to 250° F), and pressure (to 3,000 psi) in a hydraulic circuit. Employs the fixed orifice method of measuring flow for accurate gallon-per-minute readings and multiple scales for precise GPM readings in either high or low ranges. Also has a volume range selector to facilitate scale changes.

PART NUMBER 1800060

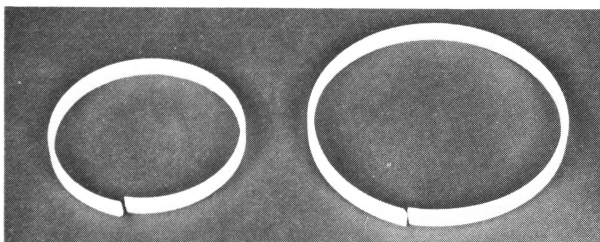


#### INSTRUMENT AND CONTINUITY TESTER

##### Application

Checks oil pressure and fuel gauges and their respective sending units for correct operation.

PART NUMBER 1800945

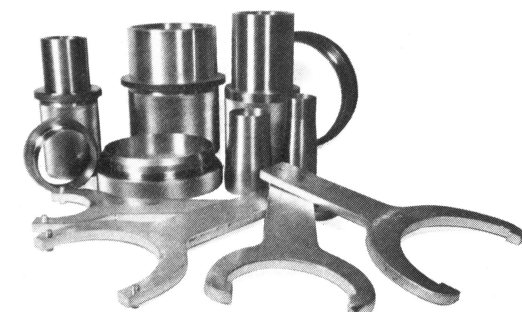


#### PLASTIC RINGS FOR TILT CYLINDER "U" CUP REMOVAL

##### Application

Removes tilt cylinder "U" cup and virtually eliminates cup damage.

PART NO. 891874 (3" dia.) PART NO. 891875 (4" dia.)



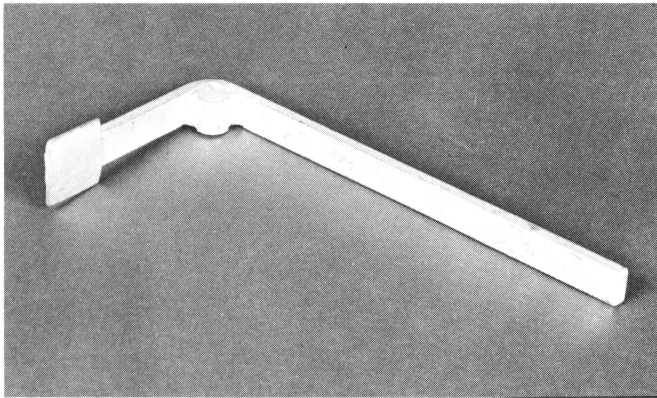
#### LIFT CYLINDER PACKING TOOLS

##### Application

Clark's precision-crafted Packing Tools make it easier to install lift cylinder packing assemblies that meet "Factory" specifications. The tools are tailored for "heart-of-the-line" compound and Hi-Lo lift cylinder applications and are engineered to make a correct installation every time. For complete part number information, contact your Clark dealer.



# GENERAL

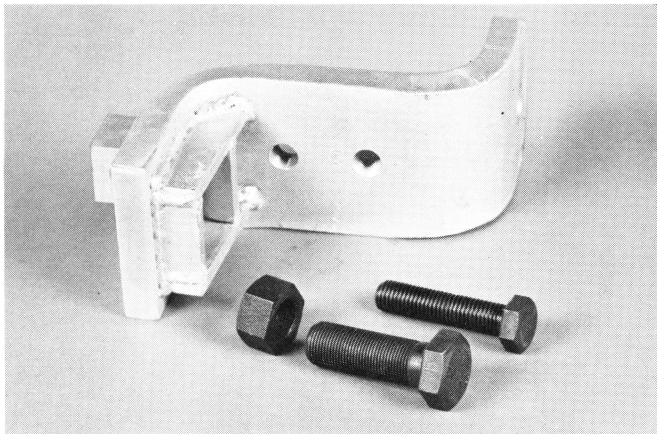


## HYDRAULIC CYLINDER "V" PACKING TOOL

### Application

Helps properly insert "V" packings when re-assembling a compound lift cylinder.

PART NUMBER 1801092



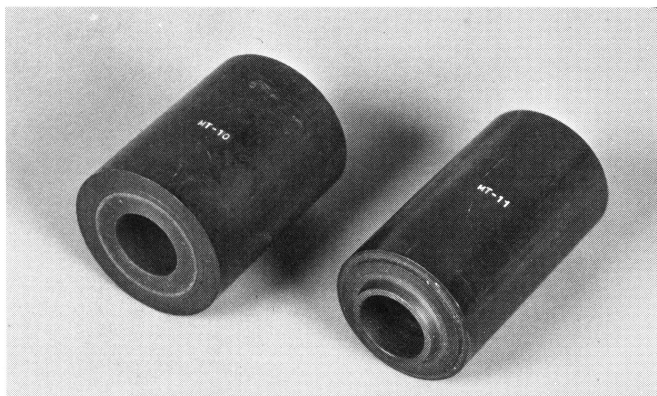
## HYDRAULIC JACK ADAPTER

### Application

Works in combination with a 12 ton hydraulic jack to raise rear of lift truck for servicing.

Also, the adapter stabilizes the hydraulic jack and minimizes the possibility of the jack tilting or tipping, and works on most Clark lift trucks.

PART NUMBER 1801093



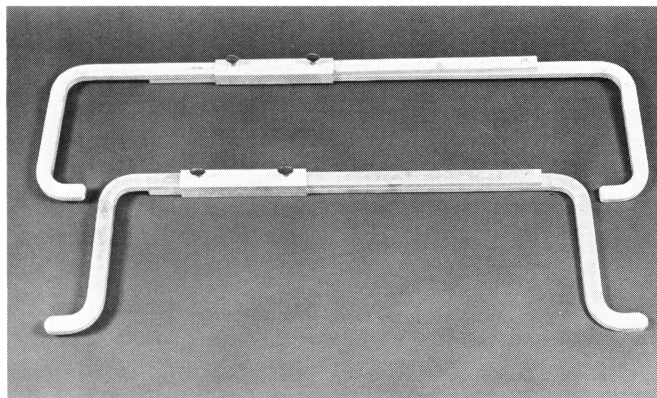
## SEAL INSTALLING DRIVE HEADS

### Application

Installs drive motor seal in drive end frame. Both drive heads eliminate cocked and half-seated seals that allow drive unit oil to pass through the seal into the motor. These drive heads are designed to work on all EC300 and TW20-40 models.

PART NUMBER 1801208 (MT10)

PART NUMBER 1801209 (MT11)



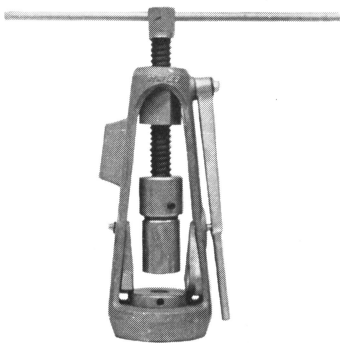
## UPRIGHT SPANNER TOOL

### Application

Used to properly adjust the roller and rail clearance. Both the inside and outside spanner tools are fully adjustable.

PART NUMBER 1801089 (Inside Spanner)

PART NUMBER 1801090 (Outside Spanner)



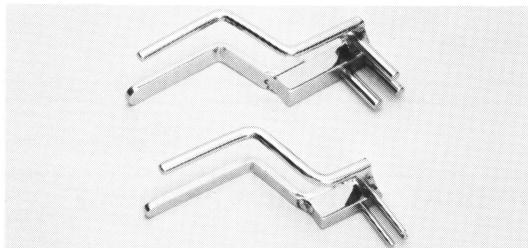
## SWAGING TOOL

### Application

Permanently attaches couplings on all Clark/Synflex hoses. Includes die clamps and reaction arm, which permit operation without a vise.

See page 39 for Pushers and Dies.

PART NUMBER 1801214



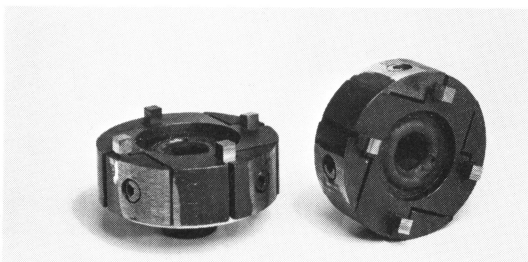
## SEAL LOADING TOOLS

### Application

Tools designed for the correct and easy installation of hydraulic cylinder seals.

PART NUMBER 1801783

PART NUMBER 1801784



## LOCKNUT WRENCHES

### Application

Wrenches specifically designed to properly torque pantograph locknuts on models NP300 & NP500.

PART NUMBER 1801759

PART NUMBER 1801760

## GAS

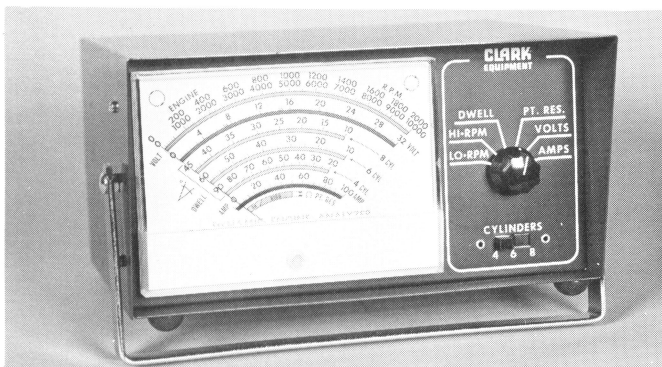


## ALTERNATOR TESTER

### Application

Performs a quick alternator test that checks for open or shorted diodes, stators, field circuits, defective voltage regulators (external or internal), diode trio and the wire harness for the Delco SI Alternator. Has voltmeter to check 0-16 volt ranges and includes an adapter for the Motorola alternator. Tester performs all checks without disassembly of alternator or internal regulatory devices while engine is running. Test results indicate either OK or Defective. (Can be used for either gas or diesel engines.)

PART NUMBER 1801554



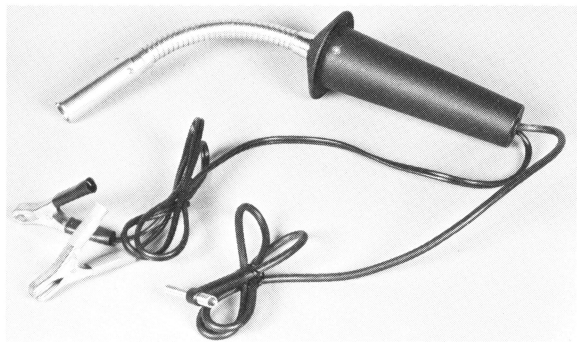
## ENGINE ANALYZER

### Application

For conventional or transistorized ignition systems.

Performs diagnostic evaluations on all gas and LPG trucks with 4-6-8 cylinder engines and 6-12-24 volt systems. It is equipped with a Tachometer (0-2000 and 0-10, 100 rpm's) for transmission troubleshooting, a Voltmeter (0-32 volts, 0-100 amps), a point resistance meter, and a dwell meter.

PART NUMBER 1801556

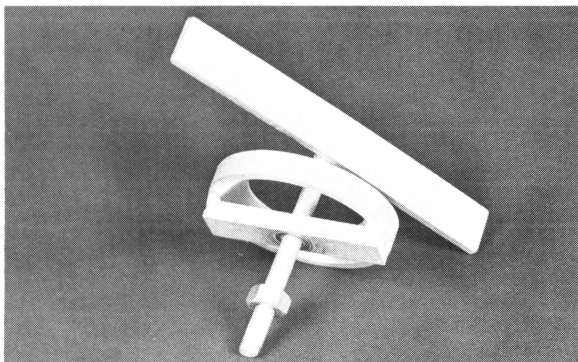


## IGNITION TIMING LIGHT

### Application

Incorporates in its design, a powerful transistor circuit and Xenon lamp — for excellent illumination, a flexible probe enabling user to “bend” probe to fit crowded access areas and a safety shield to protect user’s hands.

PART NUMBER 899588

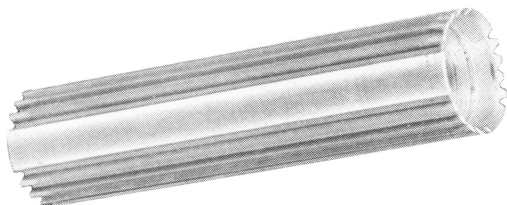


## UNIVERSAL HYDRATORK PISTON ASSEMBLY TOOL

### Application

Secures piston ring retainers during transmission snap ring installation.

PART NUMBER 1801091

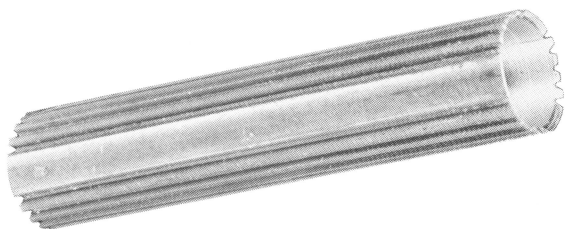


## UNIVERSAL HYDRATORK TRANSMISSION PACK ASSEMBLY TOOL

### Application

Used to re-install forward, reverse and high-low clutch packs in power shifted transmissions.

PART NUMBER 801435

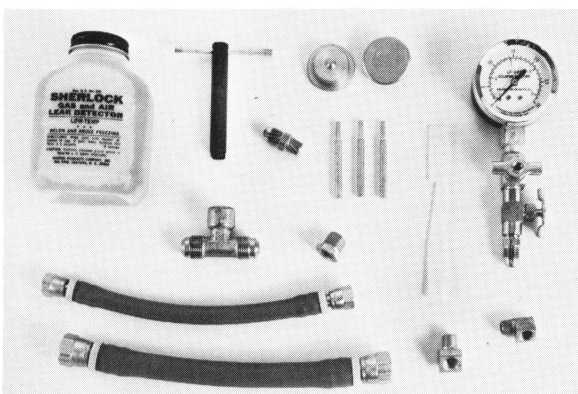


## UNIVERSAL HYDRATORK TRANSMISSION TOOL FOR MANUAL SHIFTS

### Application

Used to re-install the gears on the pinion shaft in mechanical transmission.

PART NUMBER 801436



## LPG TOOL AND TEST KIT

### Application

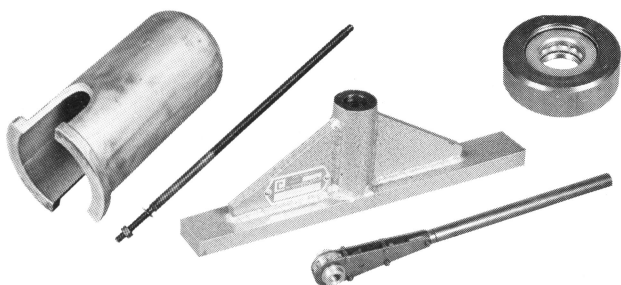
Used for adjusting, repairing, and testing LPG carburetors and vaporizers.

PART NUMBER 1801563



## DIESEL (Perkins)

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### CYLINDER LINER REMOVER/REPLACER

#### Application

Removes/replaces cylinder liners.

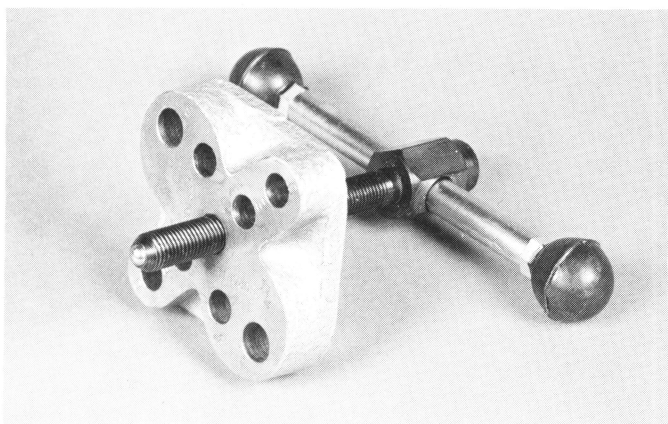
ENGINE TYPE-ALL

PART NUMBER 1801470

ADAPTERS, PART NUMBER 1801471

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## DIESEL



### BASIC PULLER

#### Application

Used, with suitable adapters, to remove water pump pulley, oil pump drive gears and camshaft gear.

ENGINE TYPE – ALL

PART NUMBER 1801472

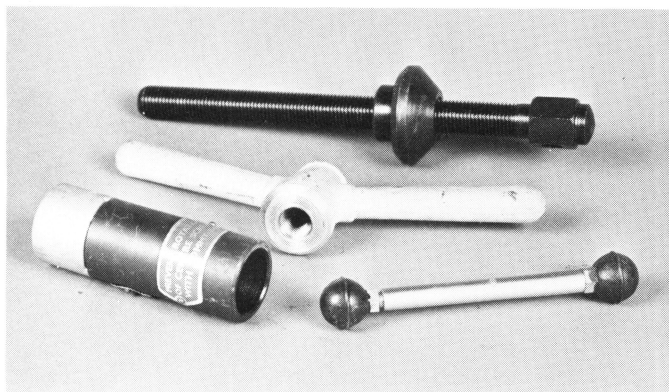
#### ADAPTERS

ENGINE TYPE 4.203, 4.236, 6.354, 4.154

PART NUMBER 1801473

ENGINE TYPE 4.203

PART NUMBER 1801474



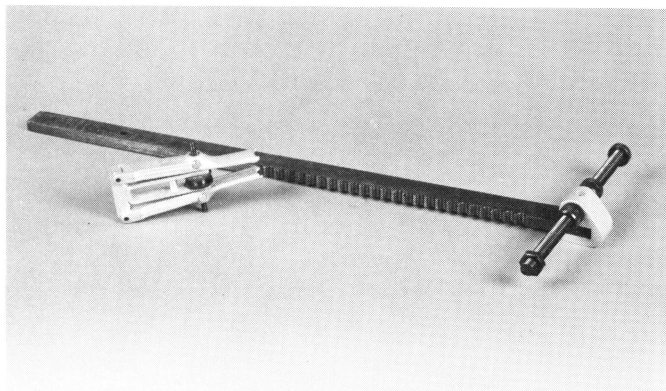
### VALVE GUIDE REMOVER/REPLACER

#### Application

Used, with appropriate puller bars, to remove or replace all valve guides.

ENGINE TYPE –ALL

PART NUMBER 1801462



### VALVE SPRING COMPRESSOR

#### Application

Designed to remove valve springs without removing the cylinder head, if proper adapters are available.

ENGINE TYPE – ALL

PART NUMBER 1801475

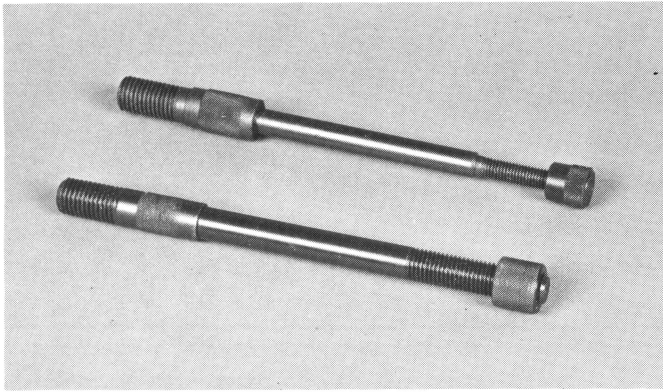
#### ADAPTERS

ENGINE TYPE 4.203

PART NUMBER 1801476

ENGINE TYPES 6.354, 4.236

PART NUMBER 1801477

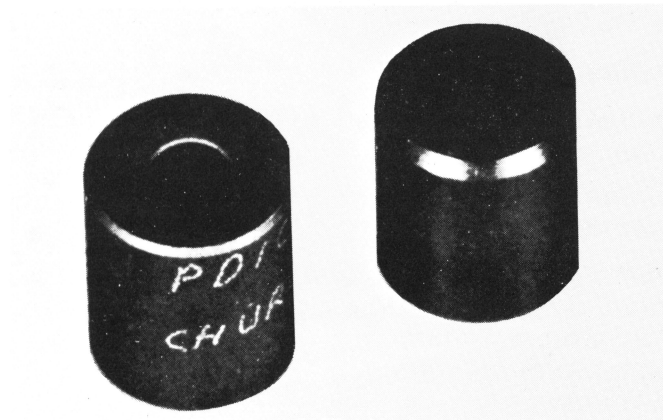


## PULLER BARS

### Application

Works with valve guide remover/replacer (part number 1801462) to change valve guides. Incorporates two puller bars for use with either a 5/16 inch or a 3/8 inch ID valve guide bore.

ENGINE TYPE – ALL  
PART NUMBER 1801463

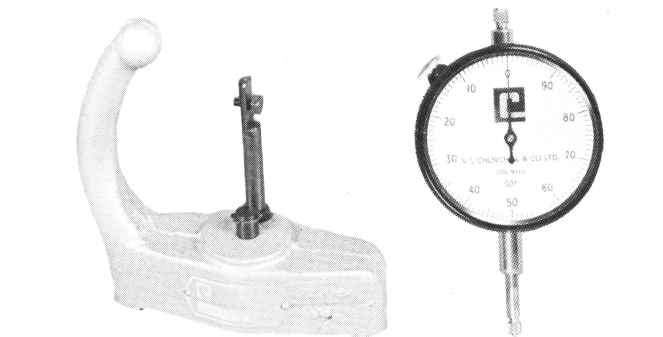


## GUIDE HEIGHT DISTANCE PIECE

### Application

Insures that replacement valve guides project the correct distance above the top face of the cylinder head during valve guide replacement procedures.

ENGINE TYPE 4.154	ENGINE TYPE 4.203
PART NUMBER 1801464	PART NUMBER 1801465
ENGINE TYPE 6.354	
PART NUMBER 1801546	

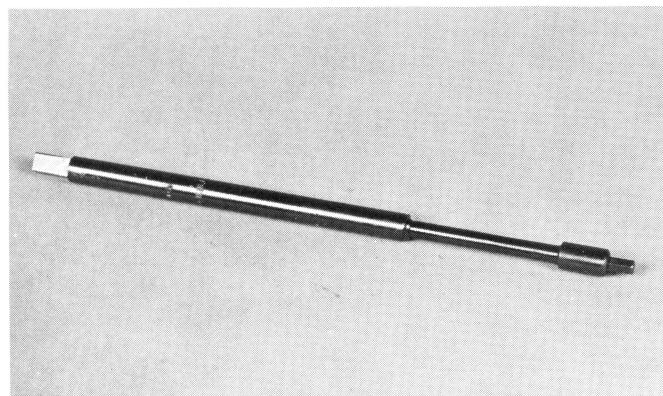


## PISTON HEIGHT/VALVE GUIDE GAUGE

### Application

For checking piston heights and valve depths.

ENGINE TYPE – ALL  
PART NUMBER 1801466

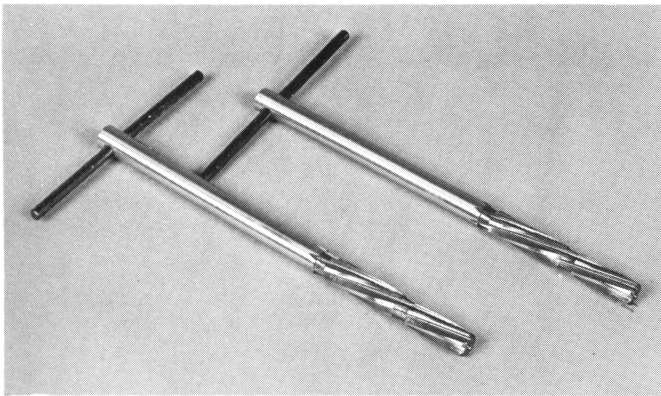


## FUEL PUMP ALLEN SCREW KEY

### Application

Used to remove the Allen Screw securing the fuel injection pump.

ENGINE TYPE 4.203  
PART NUMBER 1801467



## VALVE GUIDE REAMERS

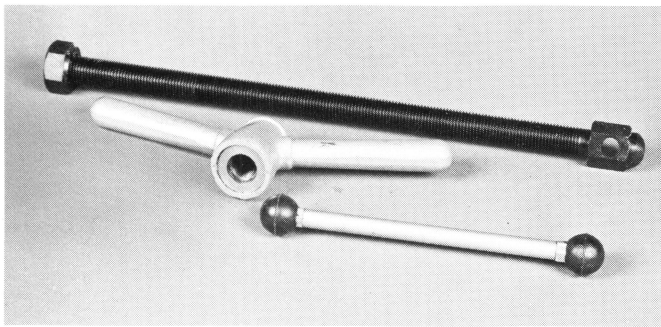
### Application

Used exclusively with guideless cylinder heads.

ENGINE TYPE 4.236

PART NUMBER 1801468 (.015" OS)

PART NUMBER 1801469 (.030" OS)



## FLANGED THRUST PLATE REMOVER/REPLACER

### Application

Removes/replaces thrust plate.

ENGINE TYPE 6.354

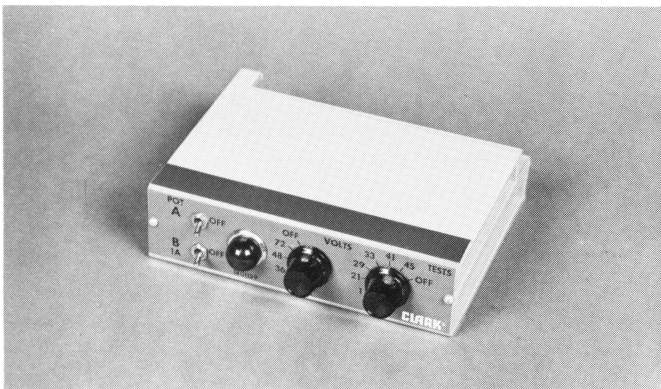
PART NUMBER 1801547

### ADAPTERS

ENGINE TYPE 6.354

PART NUMBER 1801548

## ELECTRIC



## SOLID STATE SYSTEM ANALYZER

### Application

Determines if an electrical problem is in the truck wiring or in the solid state control system and isolates it. Works on both the GE C185 Modell 200 and 300 systems.

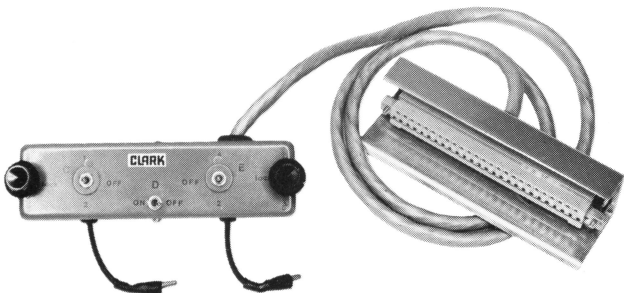
PART NUMBER 1801139

## SOLID STATE ANALYZER ADAPTER

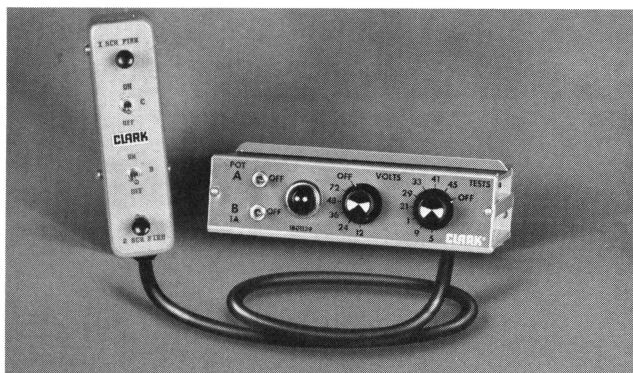
### Application

Used with the solid state analyzer (part number 1801139) and adapts analyzer for use in troubleshooting components and wiring on all Clark trucks incorporating the GE Model 210 and 310 solid state controls. A carrying case is included that will house both analyzer (part number 1801139) and adapter (part number 1801456).

PART NUMBER 1801456





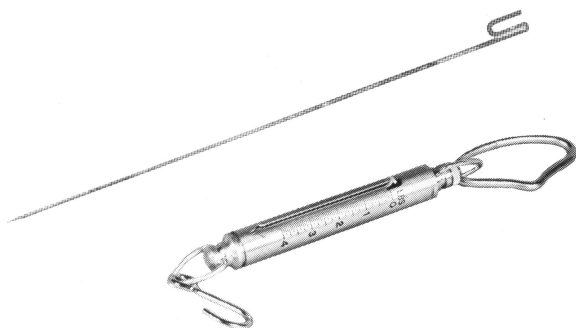


## SOLID STATE ANALYZER ADAPTER

### Application

This adaptor is used with the analyzer part number 1801139 and adapts the analyzer for use on all NS300, NP300 and NP500 model trucks equipped with the Square D TRUK PAK 200 SCR Control. The adapter is complete with instruction book, and will fit in the carrying case included with the 210/310 analyzer adapter.

**PART NUMBER 1801543**



## SPRING TENSION GAUGE AND ROD

### Application

Checks spring tension of all motor brushes and contactor points. The gauge incorporates two measuring scales — kilograms and pounds. The kilogram scale ranges from 0 to 2 kgs in 50 gram increments and the pound scale ranges from 0 to 4 lbs in 1 oz increments.

**PART NUMBER 1737696 (Gauge)**

**PART NUMBER 1737697 (Rod)**

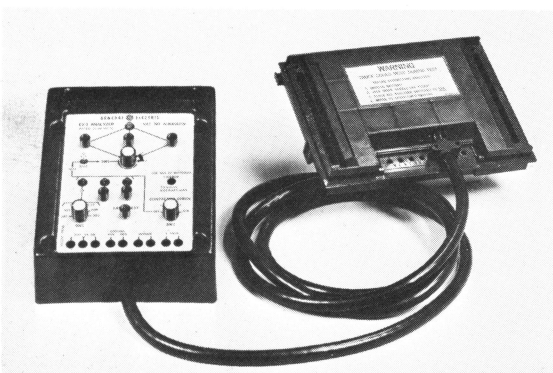


## D.C. AMPERE TEST METER

### Application

This D.C., Shunt Type, Ampere Test Meter is used for measuring D.C. current flow within a range of 0-1500 amperes. It incorporates a six inch D'Arsonval movement with two percent accuracy at full scale deflection, a six position range selector switch for making scale selections of 0-500, 0-1000, or 0-1500 amperes in either positive or negative ground applications, and two large connecting terminals on front of the panel for attaching leads to make ampere measurements.

**PART NUMBER 1801805**



## EV-1 SOLID STATE SYSTEM ANALYZER

### Application

Saves time and eliminates guesswork by isolating electrical problems in EV-1 solid state control systems. Works on all Clark truck models equipped with GE EV-1 systems. Includes carrying case, Ni-Cad battery and charger.

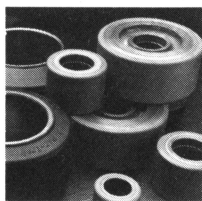
**PART NUMBER 1801807**



# Rollers & Tires







## POWERTHANE ROLLERS & TIRES

Powerthane is a tough line of polyurethane load rollers and tires specifically engineered for Clark trucks. If your performance requirements match those on the next page, ask your Clark dealer for Powerthane.

Roller Size	Org. Clark No.	*Org. Mat'l	Powerthane No.	Duro-meter **	Brg. O.D.
3-3/8 x 2-5/8	326917	U	326917	AA	1.968
	314713	U			
	315538	U			
	315540	S			
	326915	S			
3-3/8 x 2-5/8	326917	U	886342	A	1.968
	314713	U			
	315538	U			
	315540	S			
	326915	S			
3-3/8 x 2-5/8	1780716		1780716	AA	1.979
3-3/8 x 3-1/2	326912	U	887709	AA	1.968
	311210	S			
	311565	U			
	326914	S			
3-1/2 x 2-5/8	309266	U	885907	AA	1.574
	308284	R			
	308370	S			
	308530	N			
3-1/2 x 2-7/8	309307	U	885904	AA	2.061
	300050	S			
	300082	R			
	300889	P			
	304912	A			
	306239	N			
	307951	N			
	308210	N			
3-1/2 x 2-15/16	308521	U	885294	AA	1.574
	300520	R			
	302613	R			
3-1/2 x 3-17/32	309309	U	885901	AA	2.061
	300302	S			
	306542	A			
	306543	N			
	306545	P			

Roller Size	Org. Clark No.	*Org. Mat'l	Powerthane No.	Duro-meter **	Brg. O.D.
4 x 2-5/8	399153	U	399153	AA	2.441
4 x 2-5/8	399153	U	1800338	A	2.441
5 x 2-5/8	1612413	U	1612413	AA	2.834
5 x 3-5/8	2324106	U	2324106	AA	2.834
5 x 4	325431	U	886543	AA	2.830
	308611	U			
6 x 2	893070	U	990804	AA	2.328
6 x 3-7/8	1784625	U	1784625	AA	2.834
6 x 4	311679	U	1800127	AA	2.834
	310806	U			
	327229	R			
	301473	S			
6 x 5	309300	U	885418	AA	2.834
	303943	R			
	304593	R			
	313316	R			
6 x 6	309298	U	886544	AA	2.834
	301520	R			
	304594	R			
	306706	R			
9 x 4	314417	R			
9 x 4	391242	U	1800492	AA	2.834
	391279	S			
9 x 5	314646	U	1800572	AA	2.834
	312400	R			
	391319	U			
10 x 5	773215	U	773215	B	
10 x 5(Splined)	2328502		2328502	B	----
10-1/2 x 6	773213	R	1800459	B	----

\*\*AA = 65 "D SCALE" (MAX. LOAD CAP.)

\*\* A = 95 A SCALE (STND LOAD CAP.)

\*\* B = 85 A SCALE (PRESS-ON APPL.)

\*P = HARD PLASTIC

\*N = NYLON

\*U = URETHANE

\*S = STEEL

\*R = RUBBER



## BEARCAT TIRES & WHEELS

### GRIZZLEY

The Grizzley is a solid homogeneous tire that allows a lift truck to perform under conditions which are difficult, if not impossible, for standard pneumatics.

Easily mounted on a standard pneumatic wheel or rim, the Grizzley cannot puncture, blow out, or go flat. This means no lost man hours, equipment downtime or tire repair costs.

### SUPERSOFT GRIZZLEY

The Supersoft Grizzley is a solid tire that provides solid tire wear and almost pneumatic tire comfort. The secret of the Supersoft's special cushioning (for fragile loads) is found in its Flexwall design and dynamic, shock-absorbing core.

### ARMOR-GARD

The Armor-Gard is a tough pneumatic tire that wears like solid rubber. Its special compounding and design parameter give it more wear and life than most other pneumatics. Armor-Gard's extra heavy carcass construction is tough!

## PRESS-ON TIRES

Press-on Tire Size	Clark Powerthane No.	Duro-meter **	Tread Style
10 x 5 x 6-1/4	312543	B	Flat Smooth
10 x 5 x 6-1/2	886310	B	Flat Smooth
10 x 5 x 6-1/2	1733169	B	Crown Smooth
10-1/2 x 5 x 6-1/2	887931	B	Flat Smooth
10-1/2 x 6 x 5	885420	B	Flat Smooth
10-1/2 x 6 x 6-1/2	885295	B	Flat Smooth

Press-on Tire Size	Clark Powerthane No.	Duro-meter **	Tread Style
14 x 4-1/8 x 8	887025	B	Flat Smooth
16 x 5 x 10-1/2	1720781	B	Flat Smooth
16 x 6 x 10-1/2	885900	B	Flat Smooth
18 x 5 x 12-1/8	886192	B	Flat Smooth
18 x 7 x 12-1/8	887875	B	Flat Smooth
18 x 8 x 12-1/8	886191	B	Flat Smooth

- **Maximum truck capacities** — handles more materials with lower costs
- **Low rolling resistance, easy steering** — extends battery and motor life
- **Non-marking** — eliminates tire residue & skid marks
- **Chemical deterioration** — resists deterioration due to solvents and oils

### ARMOR-GARD WIRE

This durable tire provides Armor-Gard protection plus the strength of steel. The Armor-Gard Wire tire is the ideal tire for concrete block and glass industries where severe tire cutting is a problem. Steel protection is found within a double thick lug tread and a 2-ply bead-to-bead wire.

### POWER-TRAK

A press-on tire with stability and long-life, Power-Trak is made with the exclusive Microbond process that ends tire separation. The Power-Trak is available in seven models and in special compounds.

### WHEELS

Heavy-dished, solid wheel construction eliminates the need for reinforcing plates. This advanced design also assures maximum equipment efficiency under maximum weight loads on lift trucks or mining equipment.



[illegible]





## INDUSTRIAL LAMPS

### IMPROVE OPERATOR EFFICIENCY...

... with quality lighting equipment from your Clark dealer. Choose from a wide selection of adjustable and stationary industrial truck lamps, stop and tail lamps, and rotating warning lamps, as well as a complete line of accessories including guards, switches, mounting brackets, bulbs, and lenses.

Don't settle for industrial lighting and safety equipment of lesser quality. Let your Clark dealer give you the value you're looking for!

- Lamps:** Body, heavy gauge steel with black bonderized enamel; 16 gauge wire; 4-1/2" diameter sealed beam.
- Stop/Tail Lamp:** Steel housing with black enamel finish; 16 gauge wire; red plastic lens
- Warning Lamps:** Belt driven and self lubricating; flashes 90 beams/minute, height — 7-5/8", Diameter — 5-5/8"

Part Number	Voltage	Description	Components & Repair Items	
1800231	6	Stationary Head-Light Kit	(1) 1734596	Fuse
			(1) 891865	Bulb
1800233	6	Adjustable Head-Light Kit	(1) 1734596	Fuse
			(1) 1751275	Switch
			(1) 891865	Bulb
1830016	6	Adjustable Head-Light Kit W/Guard	(1) 1830020	Lamp
			(1) 891865	Bulb
			(1) 336570	Bracket
			(1) 1751275	Switch
			(1) 1734596	Fuse
1800232	12	Stationary Head-Light Kit	(1) 1734596	Fuse
			(1) 877752	Bulb
1800234	12	Adjustable Head-Light Kit	(1) 1734596	Fuse
			(1) 1751275	Switch
			(1) 877752	Bulb
1830017	12	Adjustable Head-Light Kit W/Guard	(1) 1721777	Lamp
			(1) 336570	Bracket
			(1) 1734596	Fuse
			(1) 877752	Bulb
			(1) 1751275	Switch
2339234	12	(2) Adjustable Head-Lights & (1) Stop & Tail Light Kit	(2) 1721777	Lamp
			(2) 336570	Bracket
			(1) 1306620	Stop & Tail Light
			(1) 707688	Push-Pull Switch
			(1) 620313	Switch Stop Light
			(1) 877752	Light Bulb
1830018	24	Adjustable Head-Light Kit W/Guard	(1) 1740074	Lamp
			(1) 994471	Bulb
			(1) 336570	Bracket
			(1) 1751275	Switch
			(1) 1734596	Fuse
1830019	36	(1) Adjustable Head-Light Kit	(1) 1740072	Lamp
			(1) 994471	Bulb
			(1) 336570	Bracket
			(1) 1751275	Switch
			(1) 1734596	Fuse
1752903	36	(2) Head-Light Kit W/Guard	(2) 1740072	Lamp
			(2) 883819	Bulb
			(2) 336570	Bracket
			(1) 1751275	Switch
1752902	36	Stop & Tail Light Kit W/Guard	(1) 1740191	Stop & Tail Light
			(1) 1752531	Bracket
			(1) 2339940	Guard Stop Light
			(1) 1310062	Switch
			(1) 1625241	Bracket
			(1) 990848	Bulb

(For 48 Volt Headlight use 36 Volt Lamp and Resistor No. 1706939)

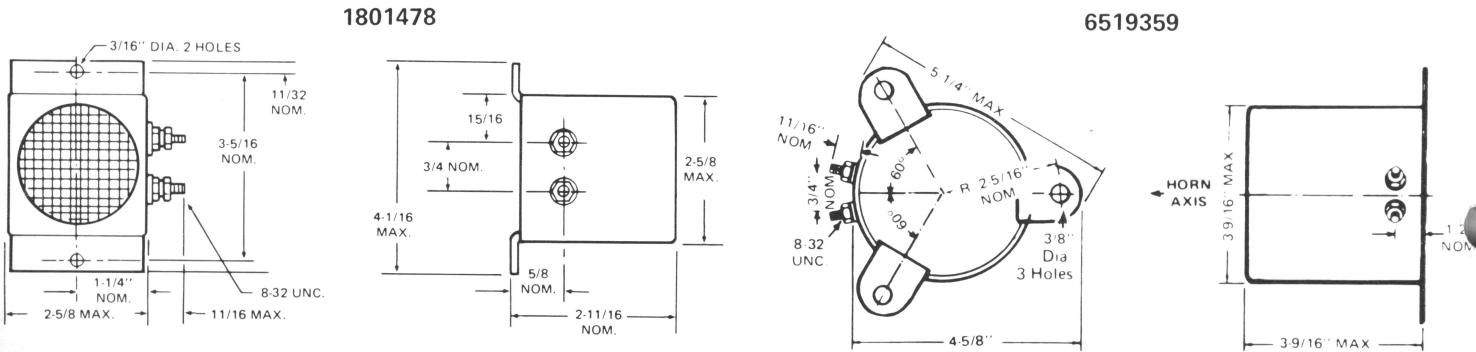
INDUSTRIAL LAMPS

Part Number	Voltage	Description	Components & Repair Items				
1801227	6	Red Rotating Warning Light	(1) 893745	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994505	Lens	(1) 995378	Motor	
			(1) 995342	Drive Belt (long)			
1801245	6	Amber Rotating Warning Light	(1) 893745	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994502	Lens	(1) 995378	Motor	
			(1) 995342	Drive Belt (long)			
1801228	12	Red Rotating Warning Light	(1) 797413	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994505	Lens	(1) 995344	Motor	
			(1) 995342	Drive Belt (long)			
1801246	12	Amber Rotating Warning Light	(1) 797413	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994502	Lens	(1) 995344	Motor	
			(1) 995342	Drive Belt (long)			
1801232	24	Red Rotating Warning Light	(1) 898237	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994505	Lens	(1) 995371	Motor	
			(1) 995342	Drive Belt (long)			
1801250	24	Amber Rotating Warning Light	(1) 898237	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994502	Lens	(1) 995371	Motor	
			(1) 995342	Drive Belt (long)			
1801233	36	Red Rotating Warning Light	(1) 994503	Bulb	(1) 995343	Drive Belt (short)	
			(1) 994505	Lens	(1) 995345	Motor	
			(1) 995342	Drive Belt (long)			



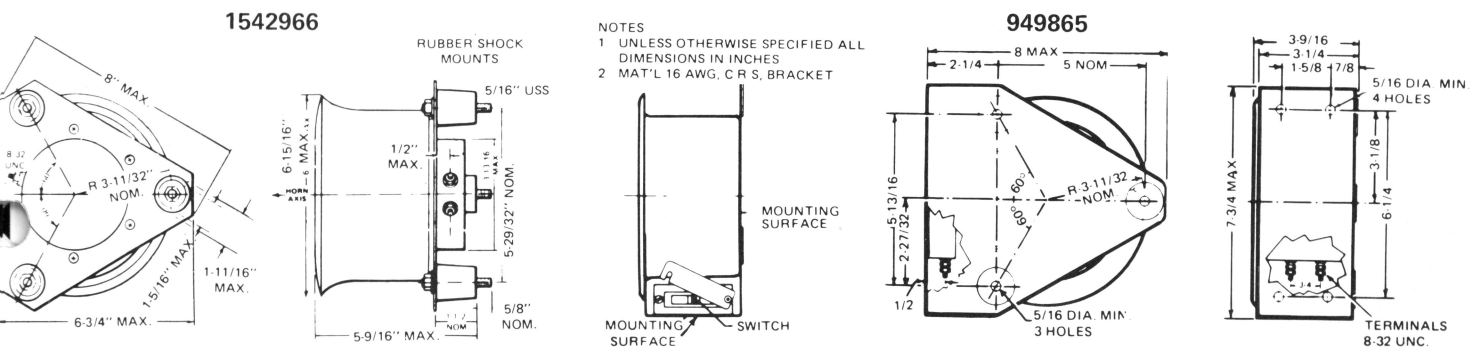
BACK - UP ALARMS

PART NUMBER	TYPICAL APPLICATION	SPECIFICATIONS	
1801478	<ul style="list-style-type: none"><li>• ELECTRIC FORK LIFTS</li><li>• MOST IN-PLANT EQUIPMENT</li></ul>	<ul style="list-style-type: none"><li>• 85 DECIBELS</li><li>• 12-72 VOLT SYSTEMS</li><li>• VOLTAGE SPIKE PROTECTION</li></ul>	<ul style="list-style-type: none"><li>• SOLID STATE ELECTRONICS</li><li>• CURRENT DRAW – LESS THAN .5 AMP</li><li>• STEAM CLEANABLE</li></ul>
6519359	<ul style="list-style-type: none"><li>• GAS LIFT TRUCKS/UTILITY TRUCKS</li><li>• DUMPTRUCKS/GARBAGE TRUCKS</li><li>• SCHOOL BUSES/MOTOR HOMES</li></ul>	<ul style="list-style-type: none"><li>• 102 DECIBELS</li><li>• 6 to 36 VOLTS</li><li>• DUAL POLARITY</li><li>• DIE CAST ALUMINUM HOUSING</li></ul>	<ul style="list-style-type: none"><li>• 150 VOLT SPIKE PROTECTION</li><li>• STEAM CLEANABLE</li><li>• SOLID-STATE ELECTRONICS</li><li>• CURRENT DRAW – LESS THAN .5 AMP</li></ul>

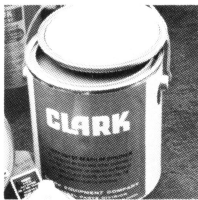


Part Number	Voltage	Description	Components & Repair Items					
1801251	36	Amber Rotating Warning Light	(1)	994503	Bulb	(1)	995343	Drive Belt (short)
			(1)	994502	Lens	(1)	995345	Motor
			(1)	995342	Drive Belt (long)			
1801234	48	Red Rotating Warning Light	(1)	994504	Bulb	(1)	995343	Drive Belt (short)
			(1)	994505	Lens	(1)	995345	Motor
			(1)	995342	Drive Belt (long)			
1801252	48	Amber Rotating Warning Light	(1)	994504	Bulb	(1)	995343	Drive Belt (short)
			(1)	994502	Lens	(1)	995345	Motor
			(1)	995342	Drive Belt (long)			
1801194	12	Amber Flashing Light (4-1/2 in. O.D.)	(1)	893747	Amber Lens	(1)	895717	Flasher
			(1)	995249	Switch	(1)	797413	Bulb
1801195	12	Red Flashing Light (4-1/2 in. O.D.)	(1)	881757	Red Lens	(1)	895717	Flasher
			(1)	995249	Switch	(1)	797413	Bulb
1801199	12	Amber Flashing Light (6-7/8 in. O.D.)	(1)	994101	Amber Lens	(1)	895717	Flasher
			(1)	995249	Switch	(1)	797413	Bulb
1742751		Guard for Flashing Light						

PART NUMBER	TYPICAL APPLICATION	SPECIFICATIONS
1542966	<ul style="list-style-type: none"> <li>• QUARRIES/DAM CONSTRUCTION</li> <li>• LAND FILL OPERATIONS/STRIP MINING</li> <li>• EXTREMELY RUGGED APPLICATIONS</li> </ul>	<ul style="list-style-type: none"> <li>• 107 DECIBELS</li> <li>• 6 to 36 VOLTS</li> <li>• SHOCK MOUNTED</li> <li>• SOLID STATE ELECTRONICS</li> <li>• STEAM CLEANABLE</li> <li>• CURRENT DRAW – LESS THAN .5 AMP</li> </ul>
949865	<ul style="list-style-type: none"> <li>• SCRAPERS/SHOVELS/TRENCHERS</li> <li>• OFF-ROAD DUMPS/CRANES/STRADDLE TRUCKS</li> <li>• EQUIPMENT USED IN HIGHER NOISE LEVEL AREAS</li> </ul>	<ul style="list-style-type: none"> <li>• ADJUSTABLE SOUND – 97-107-112</li> <li>• 6 to 36 VOLTS</li> <li>• 150 VOLT SPIKE PROTECTION</li> <li>• SOLID STATE ELECTRONICS</li> <li>• CURRENT DRAW LESS THAN .5 AMP</li> <li>• DUAL POLARITY</li> <li>• STEAM CLEANABLE</li> </ul>



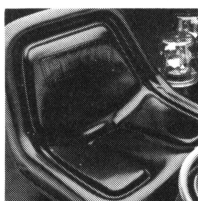




## CLARK PAINTS

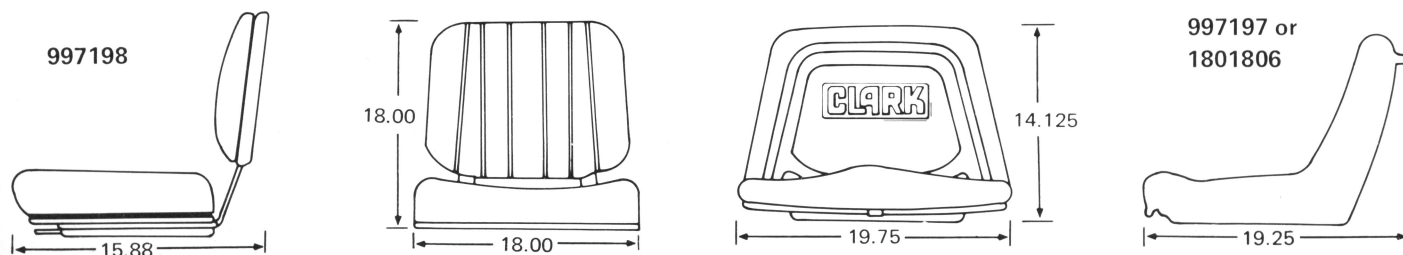
To insure a factory-new finish on your equipment, specify genuine Clark paint. Available in gallons, quarts, and 16 oz. aerosol cans, Clark paint is manufactured under rigid quality control standards to meet O.E.M. production specifications. For maximum durability, allow Clark enamels to dry overnight (8 - 10 hrs.).

Color	Qty	Part Number
Black	Gallon	875419
Black	16 oz. Spray	879696
White	Gallon	1801571
White	Quart	1801570
White	16 oz. Spray	1801572
Gray	Gallon	875414
Gray	Quart	873155
Gray	16 oz. Spray	879695
Gray (Primer)	16 oz. Spray	1800163
Clarklift Red	Gallon	875412
Clarklift Red	Quart	873049
Red (Primer)	Gallon	855631
Fire Engine Red	Gallon	875416
Fire Engine Red	Quart	873152
Fire Engine Red	Spray	879697
Orange	Gallon	875415
Orange	Quart	873147
Orange	16 oz. Spray	879698
Yellow	Quart	873150
Yellow	16 oz. Spray	879699
Construction Machinery Group Yellow	Gallon	5260034
Construction Machinery Group Yellow	16 oz. Spray	960622



## UNIVERSAL SEATS

Two universal seat styles assure solid comfort for lift truck operators plus long seat life. Both styles include seamless, vacuum molded construction, dense foam padding, and fore and aft adjustments. Order from your Clark dealer today . . .



Color	Qty	Part Number
Contrast Yellow	Quart	1800643
Contrast Yellow	16 oz. Spray	1800685
Michigan Yellow	Gallon	945931
Michigan Yellow	16 oz. Spray	942488
Yellow-Green**	Gallon	1801567
Yellow-Green (Primer)**	Gallon	1801566
Yellow-Green**	Quart	1801568
Yellow-Green**	16 oz. Spray	1801564
Rental Accent Green	Gallon	1801711
Rental Accent Green	Quart	1801771
Equipment Green	Gallon	1800642
Equipment Green (Primer)	Gallon	1800644
Equipment Green	Quart	1800641
Equipment Green	16 oz. Spray	1800645
Equipment Green (Primer)	16 oz. Spray	1800646
Forestry Prod. Green	Gallon	1990608
Clarklift Blue	Gallon	875411
Michigan Blue	Gallon	875417
Michigan Blue	Quart	873151
Michigan Blue	16 oz. Spray	879694

\*\* Clark ITD Color



## FIRE EXTINGUISHERS

You can be assured that Clark dealers offer the very best in modern fire-fighting equipment. Clark Fire Extinguishers smother electrical, grease, oil and any flammable liquid or solid fire with an odorless and non-toxic dry chemical powder. The extinguishers are lightweight and simple to operate, yet include such features as special safety handles and instant reading gauges. They're refillable too.

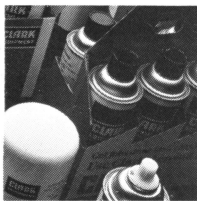
Part Number	Recharging Kit	Specifications
1906742	960341	UL Rated 5 B:C, 2 lbs, 15 oz. w/Bracket
1014205	960342	UL Rated 10 B:C, 3-1/2 lbs, w/Bracket
1013303	960343	UL Rated 10 B:C, 6 lbs, 12 oz. w/Bracket
2514432	----	UL Rated 4A; 60 B:C, 14-1/2 lbs., w/Bracket
1908806	----	UL Rated 2A; 10 B:C, 9 lbs., w/Bracket



# Filters Fluids & Lubricants







## MAINTENANCE AIDS

THE RIGHT SPRAY AND LUBRICANT FOR EVERY JOB...  
ALL AVAILABLE THROUGH YOUR CLARK DEALER.

Part Number	Description
945945	<b>Loctite Nut Lock</b> Turns ordinary nuts into vibration proof lock nuts Reduces assembly costs by eliminating expensive lock nuts Keeps machinery from shaking loose
945946	<b>Cleaner Activator</b> Priming rinse for parts to be treated with nut lock and hydraulic sealant Removes oil or grease Fast working
1800636	<b>Ignition Distributor, Cam Lube</b> A must for long ignition cam follower life / a high temperature grease / non-conductor of electricity.
617410	<b>Lubriplate</b> A white grease for clutch throwout bearings / withstands high temperature / increases life of bearings
1800531	<b>Spline Grease</b> For all applications where splines mesh with splines such as generators and power steering pumps
1801140	<b>Loctite Sealant With Teflon</b> Long lasting Stops oil leaks in hydraulic hose connections
886785	<b>Spray Lube</b> For open gears Easy to apply Reaches hard-to-get places Rust preventive Does not drip off gears
886396	<b>Innerslide Lubricant</b> "Dripless" grease Ideal for sliding tandems & fork trucks Cuts greasing time Prevents rust Constant lubrication to -60°F Repels water, rain, snow & ice
886397	<b>Penetrating Oil</b> Cuts rust/paint/grease Effective on hot surfaces Saves time, labor and broken parts Easy to use Contains Moly

Part Number	Description
1800078	<b>Belt Dressing</b> Increases power to 50% Tractive qualities to flat, round & V-belts Will not collect dirt Use on truck, auto, farm and industrial machinery
886398	<b>Battery Saver</b> Preserves battery power by: Retarding acid action, Preventing corrosion, Seal vibration cracks Easy to use
1800330	<b>Degreaser</b> Water soluble Easy to use Safe for paint Does not rust
886399	<b>Chain and Cable Lubricant</b> Constant lubrication Reduces friction drags on sudden overloads Penetrates into chain links Prevents dripping on slow or idle chains
886784	<b>Spray - Kote</b> Renews/insulates/protects Seals electrical wires Prevents rust and corrosion Keeps wires pliable Resists extreme heat or cold No pre-cleaning required
1801146	<b>MS 180 Freon Degreaser</b> Non-flammable and non-conductive Ideal for: SCR controls and panels, Harness plugs for electrical wiring SCR terminal strips
1801145	<b>Conquer-3</b> Water dispersive — corrosion preventive Displaces moisture and leaves a protective film Protects SCR control panels Displaces water from wetted insulation Protects against oxidation

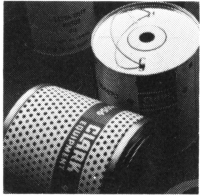


## MOTOR OIL TRANSMISSION, HYDRAULIC & BRAKE FLUIDS

Description	
<b>PREMIUM 10W30 MOTOR OIL</b>	<p>Clark all-season motor oil is unexcelled for keeping Clark engines clean. It protects against formation of sludge, varnish, and harmful deposits which cause sluggish performance.</p> <p>Clark premium 10W30 motor oil is made from high quality solvents and refined neutral stocks, and is especially suited for gasoline engines which include emission.</p>
<b>EXTRA DUTY 30W MOTOR OIL</b>	<p>Clark extra duty 30W motor oil was developed for the lubrication of gasoline, diesel, LPG, and natural gas engines for which MIL-L-2140B products are recommended. This Clark oil product also meets or exceeds API service classifications CC, CB, CA, and SB.</p>
<b>TRANSMISSION – CONVERTER FLUID</b>	<p>Clark transmission-converter fluid is compounded with the special properties required for Clark torque converters and automatic transmissions. This superior fluid has been developed to meet the requirements of General Motors' DEXTRON II specification and exceeds or equals all requirements for Type A Suffix A automatic transmission oil.</p>
<b>CLARK HYDRAULIC FLUID</b>	<p>Clark premium anti-wear hydraulic oil is tailored to meet the special requirements of Clark hydraulic systems: The fluid does not oxidize to form sludge. It guards against rust by plating all metal parts with a film that is impervious to moisture. It stands up to high heat ranges and pressures and protects precision-fitted parts against abnormal wear. Above all, it is compatible with the chemistry of the seals, packings, and hoses so it cannot cause deterioration of these vital components.</p>
<b>SPECIAL PURPOSE TRANSMISSION AND HYDRAULIC FLUID</b>	<p>Increased demands for performance and protection of fluids used in equipment with common hydraulic and transmission oil reservoirs have brought about the development of Clark Special Purpose Transmission/Hydraulic Fluid.</p>
<b>CLARK SUPER HEAVY DUTY BRAKE FLUID</b>	<p>Nearly all brake fluids look alike. But, it's what you can't see that frequently makes the difference.</p> <p>Clark Super Heavy Duty brake fluid protects the vital metal and rubber components found in your equipment's brake system. It is non-corroding and lubricates all the metal parts while keeping the rubber parts from shrinking or becoming brittle.</p>

Description	Part Number	Size						
<p>control systems. Specially formulated additives prevent rust and provide effective detergent action.</p> <p>This superior oil product meets API service classifications SE, SD, SC, SB, CC, CB, and CA, military specification MIL-L-46152, and exceeds MIL-L-2104B.</p>	1801741	1 Quart						
<p>Clark 30W oil may be used in stationary, automotive, farm, and marine engine service and is especially effective wherever the use of heavy duty motor oil is recommended. While suitable for oil bath air cleaners, chain drives, hydraulic systems, and general lubrication service, Clark extra duty oil is not recommended for use in aircraft engines.</p>	1800947	1 Quart						
<p>Genuine Clark transmission-converter fluid flows freely in freezing temperatures, yet resists high temperatures, pressure, oxidation, and prevents corrosion. It does not cause seal deterioration.</p> <p>Demand the fluid with the proper viscosity and lubricating qualities for your machinery . . . Clark Transmission-Converter Fluid!</p>	879804 941615	1 Quart 1 Gallon						
<p>Every hydraulic fluid formulated for Clark hydraulic systems must pass strict tests complying with Clark specification M S-68 which calls for an anti-wear additive plus many other properties. This fluid also meets the stringent requirements of the Denison HF-2 and Lee Norse 100-1 specifications.</p> <p>Use the right hydraulic fluid for your truck . . . only available through your Clark dealer.</p>	885385 885382	1 Quart 1 Gallon						
<p>This quality product meets the service refill requirements for the following tractor manufacturers:</p> <table><tr><td>John Deere J20A, 303</td><td>J. I. Case J1C143, TFD</td></tr><tr><td>International Harvester B-6</td><td>Massey Ferguson 1138</td></tr><tr><td>Allis-Chalmers PF821</td><td>White — Type 55</td></tr></table>	John Deere J20A, 303	J. I. Case J1C143, TFD	International Harvester B-6	Massey Ferguson 1138	Allis-Chalmers PF821	White — Type 55	1801708	2 Gallons
John Deere J20A, 303	J. I. Case J1C143, TFD							
International Harvester B-6	Massey Ferguson 1138							
Allis-Chalmers PF821	White — Type 55							
<p>To insure quality performance, Federal specifications VV-H-910a Amendment I and SAE specifications 70R1, 70R3, and J70B were surpassed by Clark brake fluid.</p> <p>Properly service and maintain your braking system with Genuine Clark Super Heavy Duty Brake Fluid.</p>	1801167 850487	12 Oz. 1 Gallon						





## FILTERS

### CLARK FILTERS FOR CLARK TRUCKS...

Filters are the only sure way to keep contaminants under control. The fuel, the lubricants, even the air your lift truck breathes must be thoroughly filtered to protect your investment.

Frequent change of filters is important. A filter that is clogged with dirt cannot work efficiently. But, even more important, you must install exactly the right filter for each job . . . the filter that matches engineering specifications.

There are no "universal" filters that work equally well in all situations; every filter application has certain special requirements. And that's why your Clark dealer inventories a multitude of filter sizes and types. Each differs in some way from so-called "standard" filters you can buy over any parts counter.

Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
<b>TOW TRACTOR MODELS</b>				
CKC, E, F 20	—	—	854571	—
CKF 20 (Lot 2072 & Above)	—	—	990936	—
CT, CTF 20 B	889289	—	854571	—
CT, CTF 20 B (Lot 193-528 & Above)	889289	—	854570	—
CT, CTF 20 B (Lot 518-528 & Above)	886525	—	854570	—
CTA6, CT6 20 B	889289	—	854570	879199
CTA6, CT6 20 B (Lot 518-528 & Above)	886525	—	854570	879199
CT 20 D	886525	—	—	—
CKC, CKE, CKF 26	—	—	854571	—
CKF 26 (Lot 2072 Above)	—	—	990936	—
CKE, CKF 30	—	—	854571	—
CKF 30 (Lot 2072 Above)	—	—	990936	—
CT, CTF 30 B	889289	—	854571	—
CT, CTF 30 B (Lot 143-528 Above)	889289	—	854570	—
CT, CTF 30 B (Lot 518-528 Above)	886525	—	854570	—
CTA6, CTF6, CT6 30 B	889289	—	854570	879199
CTA6, CTF6, CT6 30 B (Lot 518-528 Above)	886525	—	854570	879199
CT 30	886525	—	—	—
CT, CTF 40 B	889289	—	854571	—
CT, CTF 40 B (Lot 193-528 Above)	889289	—	854570	—
CT, CTF 40 B (Lot 518-528 Above)	886525	—	854570	—
CTA6, CT6 40 B	889289	—	854570	879199
CTA6, CT6 40 B (Lot 518-528 Above)	886525	—	854570	879199
CT 40 D	886525	—	—	—
CT, CTF 50 B	889289	—	854571	—
CT, CTF 50 B (Lot 193-528 Above)	889289	—	854570	—
CT, CTF 50 B (Lot 518-528 Above)	886525	—	854570	—
CTA6, CT6 50 B	889289	—	854570	879199
CTA6 50 B (Lot 518-528 Above)	886525	—	854570	879199
CT 50 D	886525	—	—	—
CT 1623551	889289	—	854571	—

Chances are the difference won't be anything you can see. Usually, the difference will be inside where the filtering job is done.

The difference may be in the kind of filtering material. It may be in the chemical composition of the filtering material. Sometimes the difference is in the way the interior is designed to serve a specific purpose. Other times, it may be in the capacity or volume the filter can handle within a given period of time. Whatever the difference, it is something Clark engineers specified for very specific and important reasons.

The following reference guide will assist you in selecting the correct filter element for your Clark lift truck. The part numbers listed in parenthesis indicate a one piece assembly with no serviceable elements or other replacement parts. A dash refers you to your Planned Maintenance and Adjustment Manual. Any question or area of uncertainty can be expertly handled by contacting the most dependable and reliable source of Genuine Clark Parts . . . your Clark dealer!

Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
<b>INDUSTRIAL TRUCK TOWABLE MODELS</b>				
TFY 30, 40	889098	—	854571	879199
IT 30, 40	889098	—	854571	879199
IT 30, 40 (Lot 1-2056 & Above)	889098	990937	990936	879199
IT 40 B	889098	992221	990936	879199
IT 355	889098	—	990936	879199
IT 50, 60 (Lot 1-2219)	886525	990937	991268	—
IT 70, 80	886525	990937	991268	—
IT 581	886525	990937	—	—
<b>CLARKLIFT "B" MODELS</b>				
C 20, 25 B, BP, B5	668788	854570	854571	879199
C 20, 25 B (Lot 1-1136 thru 9999-1999)	668788	990937	854571	879199
C 20, 25 B, BP (Lot 1-2080 & Above)	668788	990937	990936	879199
CFY 20, 25 B	668788	—	854571	879199
CFY 20, 25 B (Lot 1-2084 & Above)	668788	—	990936	879199
CY 20, 25 B	668788	854570	854571	879199
CY 20, 25 B (Lot 1-1134 thru 9999-2055)	668788	990937	854571	879199
CY 20, 25 B (Lot 1-2083 & Above)	668788	990937	990936	879199
C 25 BS (Lot 1-2080 & Above)	668788	990937	990936	879199
C, CY 30 B	668788	854570	854571	879199
C 30 B (Lot 1-2051 & Above)	668788	854570	990936	879199
C 30 B (Lot 1-2501 & Above)	668788	990937	990936	879199
CY 30 B (Lot 1-1134 thru 9999-1999)	668788	990937	854571	879199
CY 30 B (Lot 1-2055 thru 9999-2055)	668788	854570	854571	879199
CY 30 B (Lot 1-2083 & Above)	668788	990937	990936	879199
CF 30 B	668788	—	854571	879199
CF 30 B (Lot 1-2052 & Above)	668788	—	990936	879199
CFY 30 B (Lot 1-2057 thru 72-2057)	668788	990937	854571	879199
CFY 30 B (Lot 1-2084 & Above)	668788	—	990936	879199
C, CY 40, 50 B	668788	854570	854571	879199

# FILTERS

Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
C, CY 40, 50 B (Lot 1-2050 & Above)	668788	990937	990936	879199
CYR, CLR 40 B	668788	854570	854571	879199
CF, CFY 40, 50 B	668788	—	854571	879199
CF, CFY 40, 50 B (Lot 1-2052 & Above)	668788	—	990936	879199
CFYR, CLFR 40 B	668788	—	854571	879199
CY 100, 120 B	886525	891105	854570	—
CY 100, 120 B (Lot 1-2070 & Above)	886525	891105	990936	—
CHY 100, 120 B	886525	—	854570	—
CHY 100, 120 B (Lot 1-2071 & Above)	886525	—	990936	—
CY 100, 120 BD	994954	891105	—	—
CHY 100, 120 BD	994954	—	—	—
CY 150, 160, 165, 180 B (Lot 1-476 thru 79-476)	944954	215502	—	—
CY 150, 160, 165, 180 B	888936	215502	—	—
CFY 150, 165, 180 B (Lot 1-481 thru 134-481)	944954	—	—	—
CFY, CHY 150, 165 B	888936	—	—	—
CY 150, 165, 180 BD	891588	215502	—	—
CY 150, 165, 180 BD (Lot 1-606 thru 50-722)	945059	215502	—	—
CFY, CHY 150, 165 BD	891588	—	—	—
CHY 150, 165 BD (Lot 1-606 thru 155-723)	945059	—	—	—
CHY, CHYWP 160, 180 B	888936	—	—	—
CY 160 BD	945059	215502	—	—
CHY, CHYWP 160, 180 BD	945059	—	—	—
CHY 160, 180 BD (Lot 1-564 thru 141-564)	891588	—	—	—
CFY 180 B	888936	—	—	—
CFY 180 BD	945059	—	—	—
CY 350, 400, 500 B, BD	892129	—	—	—

## CLARKLIFT MODELS

C 20, 25 SU	668788	854570	854571	879199
C 20 SU (Lot 1-2049 & Above)	668788	854570	990936	879199
C 25 SU (Lot 1-2049 & Above)	668788	990937	990936	879199
CF 20, 25	1614059	—	854571	879199
CF 20, 25 (Lot 1-2053 & Above)	1614059	—	990936	879199
CS 30	668788	990937	990936	879199
CY 40, 50	—	990937	—	—
C 60 (Lots 1-542 thru 229-633 & 1-1004 thru 23-1020)	668788	891105	854570	—
C 60	889098	891105	854570	—
C 60 (Lot 1-2076 & Above)	889098	891105	990936	—
CY 60 (Lot 1-406 thru 81-499)	668788	957577	854570	—
CY 60 (Lot 1-558 thru 137-644)	668788	891105	854570	—
CY 60 (Lot 1-668 & Above)	886525	891105	854570	—
CY 60 (Lot 1-2078 & Above)	886525	891105	990936	—
CF 60 (Lot 1-543 thru 92-634)	668788	—	854570	—
CF 60 (Lot 1-677 & Above)	889098	—	854570	—
CF 60 (Lot 1-1006 thru 9999-1021)	668788	—	854570	—
CF 60 (Lot 1-1030 thru 9999-1999)	889098	—	854570	—
CF 60 (Lot 1-2077 & Above)	889098	—	990936	—
CFY 60 (Lot 1-430 thru 120-645)	668788	—	854570	—
CFY 60 (Lot 1-669 & Above)	886525	—	854570	—
CFY 60 (Lot 1-2079 & Above)	886525	—	990936	—
CH 60, 605	889098	—	854570	—
CH 60 (Lot 1-2077 & Above)	889098	—	990936	—
CHY 60	886525	—	854570	—



Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
CHY 60 (Lot 1-2079 & Above)	886525	—	990936	—
C 60 D	888936	891105	—	—
CY 60 D	994954	891105	—	—
CY 60 PD	886525	891105	—	—
CHY 60 PD	886525	—	—	—
CHY 60 D	994954	—	—	—
CF, CH 60 D	888936	—	—	—
C 65 RC	889098	891105	854570	—
C 65 RC (Lot 1-2075 & Above)	889098	891105	990936	—
CH 65 RC	889098	—	854570	—
CH 65 RC (Lot 1-2075 & Above)	889098	—	990936	—
C 70, 80 (Lots 1-542 thru 229-633 & 1-1004 thru 23-1020)	668788	891105	854570	—
C 70, 80	889098	891105	854570	—
C 70, 80 (Lot 1-2075 & Above)	889098	891105	990936	—
CY 70, 80 (Lot 1-406 thru 181-499)	668788	957577	854570	—
CY 70, 80 (Lot 1-500 thru 137-644)	668788	891105	854570	—
CY 70, 80	886525	891105	854570	—
CY 70, 80 (Lot 1-2078 & Above)	886525	891105	990936	—
CF 70, 80 (Lots 1-543 thru 92-634 & 1-1006 thru 9999-1021)	668788	—	854570	—
CF 70, 80	889098	—	854570	—
CF 70, 80 (Lot 1-2077 & Above)	889098	—	990936	—
CFY 70, 80 (Lot 1-430 thru 120-645)	668788	—	854570	—
CFY 70, 80	886525	—	854570	—
CFY 70, 80 (Lot 1-2079 & Above)	886525	—	990936	—
CH 70, 70S, 80, 80S	889098	—	854570	—
CH 70, 80 (Lot 1-2077 & Above)	889098	—	990936	—
CHY 70, 80	886525	—	854570	—
CHY 70, 80 (Lot 1-2077 & Above)	886525	—	990936	—
C 70, 80 D	888936	891105	—	—
CY 70, 80 D, 70 PD, 80 PD	886525	891105	—	—
CF, CH 70, 80 D	888936	—	—	—
CHY 70 PD, 80 PD	886525	—	—	—
C, CY 100, 120	886525	891105	854570	—
C 100, 120 (Lot 1-1079 & Above)	886525	891105	990936	—
CH, CHY 100, 120	886525	—	854570	—
CH 100, 120 (Lot 1-1080 & Above)	886525	—	990936	—
C, CY 100, 120 D	994954	891105	—	—
CH, CHY 100, 120 D	994954	—	—	—
CY 140	886525	891105	854570	—
CY 140 (Lot 1-2070 & Above)	886525	891105	990936	—
CHY 140	886525	—	854570	—
CHY 140 (Lot 1-2071 & Above)	886525	—	990936	—
CY 140 D	994954	891105	—	—
CHY 140 D	994954	—	—	—
CY 150, 165, 180S	—	—	854570	—
CY 200 L (Lot 1-477 thru 38-477)	944954	215502	—	—
CY 200 L	888936	215502	—	—
CY 200 S (Lot 1-476 thru 79-476)	944954	215502	—	—
CY 200 S	888936	215502	—	—
CFY 200 L (Lot 1-482 thru 28-482)	944954	—	—	—
CFY, CHY 200 L	888936	—	—	—
CFY 200 S (Lot 1-481 thru 134-481)	944954	—	—	—
CFY, CHY 200 S	888936	—	—	—
CY 200 LD (Lot 1-477 thru 24-565)	891588	215502	—	—

## FILTERS

Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
CY 200 LD	945059	215502	—	—
CY 200 SD (Lot 1-476 thru 55-563)	891588	215502	—	—
CY 200 SD	945059	215502	—	—
CFY 200 LD, SD	891588	—	—	—
CHY 200 LD (Lot 1-566 thru 22-566)	891588	—	—	—
CHY 200 SD (Lot 1-564 thru 141-564)	891588	—	—	—
CHY 200 LD, SD	945059	—	—	—
CFY 200	—	—	854570	—
CY 225, 250 (Lot 1-477 thru 38-477)	944954	215502	—	—
CY 225, 250, 300	888936	215502	—	—
CFY 225, 250 (Lot 1-482 thru 28-482)	944954	—	—	—
CFY, CHY 225, 250	888936	—	—	—
CY 225, 250 D (Lot 1-477 thru 24-565)	891588	215502	—	—
CY 225, 250 D	945059	215502	—	—
CFY, CHY 225, 250 D	891588	—	—	—
CHY 225, 250 D (Lot 1-607 & Above)	945059	—	—	—
CY 350	892129	—	873472	—
CY 400, 450, 500	892129	—	—	—

## CLARKLIFT 500 MODELS

30, 40, 50 (Lots 1-1083 thru 9999-1083 & 1-2500 thru 1078-2504)	668788	854570	854571	879199
30, 40, 50	668788	990937	854571	879199
30, 40, 50 (Lot 1-2509 & Above)	668788	990937	990936	879199
H 30, 40, 50	668788	—	854571	879199
H 30, 40, 50 (Lot 1-2510 & Above)	668788	—	990936	879199
30, 40, 50 D	889098	990937	990936	879199
H 30, 40, 50 D	889098	—	990936	879199
Y 40, 50 (Lots 1-2502 thru 9999-2511 & 1-1087 thru 9999-1116)	668788	854570	854571	879199
Y 40, 50	668788	990937	854571	879199
Y 40, 50 (Lot 1-2512 & Above)	668788	990937	990936	879199
HY 40, 50 (Lots 1-2503 thru 191-2508 & 1-1088 thru 9999-1117)	668788	—	854571	879199
HY 40, 50	668788	—	990936	879199
Y 40, 50 D	889098	990937	854571	879199
Y 40, 50 D (Lot 1-1128 & Above)	889098	990937	990936	879199
HY 40, 50 D	889098	—	990936	879199
235 & Y 235	668788	990937	990936	879199
F 235 & FY 235	668788	—	990936	879199
355 & Y355	668788	990937	990936	879199

## FILTERS USED ON YOUR TRUCKS

Machine Serial No.	Truck No.	Air Filter	Trans. Filter	Engine Oil

Truck Model	Air Filter	Trans. Filter	Engine Oil Filter	Fuel Filter
355 (Lot 1-3130 & Above)	668788	990937	990936	891331
Y 355 (Lot 1-3225 & Above)	668788	990937	990936	2339452
H 355 & HY 355	668788	—	990936	879199
H 355 & HY 355 (Lot 1-3135 & Above)	668788	—	990936	2339452
355 & Y 355 D, PD	889098	990937	990936	—
355 & Y 355 PD (Lot 1-2516 & Above)	3493878	990937	990936	—
H 355 & HY 355 D, PD	889098	—	990936	—
H 355 & HY 355 PD (Lot 1-2517 & Above)	3493878	—	990936	—
685	889098	990937	990936	879199
Y 685	886525	990937	990936	879199
H 685	889098	—	990936	879199
HY 685	886525	—	990936	879199
685 & H 685 D	886525	990937	—	—
915	886525	990937	990936	879199
H 915	886525	—	990936	879199
Y 1015	886525	990937	990936	879199
HY 1015	886525	—	990936	879199
Y 1015 (PD)	888936	990937	6511766	3551883
Y 1425	888936	215502	—	—
HY 1425	888936	—	—	—
Y 1425 D	945059	215502	—	—
HY 1425 D	888936	—	—	—
Y 1625	888936	215502	—	—
HY 1625	888936	—	—	—
Y 1830	888936	215502	—	—
HY 1830	888936	—	—	—
Y 1830 D	945059	215502	—	—
HY 1830 D	945059	—	—	—
Y, HY 2030	888936	—	—	—
Y, HY 2030 D & DP	945059	—	—	—

#### CLARKLIFT 300 MODELS

40, 50	668788	990937	990936	879199
Y 40, 50	668788	234099	990936	879199
356	668788	—	990936	879199
Y 356 PD	888098	234099	960698	3885315

Fuel Filter	Hyd. Oil Filter	Hyd. Sump Filter	Hyd. Sump Breather	Other



# HYDRAULIC FILTERS

Truck Models	Hydraulic Oil Filter	Hydraulic Sump Filter	Hydraulic Sump Breather
<b>INDUSTRIAL TRUCK TOWABLE MODELS</b>			
TFY 30, 40	—	1810143	1612503
IT 30, 40	—	1810143	1612503
IT 355	—	—	2308783
IT 581	—	1810528	2308783
IT 581 (Lot 3091 and above)	—	1810889	2308783
<b>CLARKLIFT "B" MODELS</b>			
CHY, CY 100, 120 B	887764	1810374	—
CHY, CY 100, 120 BD	887764	1810374	1779011
CFY, CY 150, 165, 180 B, BD	887764	(316667)	316753
CHY, CHYWP 150, 165, 180 B, BD/CHY, CY 160 B, BD/CHYWP 160 B/ CHYWP 160 BD	887764 887764	— —	316753 —
C 20, 25, B, BP, BS/CFY, CY 20, 25B/CF, CFY, CY 30, 40, 50B/C, CFYR, CLFR, CLR, CYR 40 B/C50 B/ C 30 B	— —	1810143 1810143	1779011 —
<b>CLARKLIFT MODELS</b>			
C 20, 25 SU	—	1810143	—
CF 25	—	—	316753
CS 30	—	1810143	1612503
C, CF, CFY, CH, CHY, CY, 60, 70, 80/C, CF, CFY, CH, CHY, 60, 70, 80 D/CH 80 LD	—	888331	1779011
CY, CHY, 60, 70, 80 D, PD	—	888331	698189
C, CH, 65 RS	—	888331	1779011
C, CH, CHY, CY 100, 120/CHY 140 D/C 100, 120 D/CHY 140 D/ CH 100, 120 D	887764 887764	1810374 1810374	1779011 —
CY, CHY 100, 120 D	—	1810374	—
CY, CHY 140	887764	1810374	—
CY 140 D	887764	—	1779011
CY, CFY 200 L, LD, S & SD/CY, CFY 225, 250/CY 225, 250 D/CFY 250 D/ CFY 225 D	887764 —	(316667) (316667)	316753 316753
CHY 200 L, LD, S, SD/CHY 225, 250 D/CHY 250/CY 300/	887764	—	316753
<b>CLARKLIFT 500 MODELS</b>			
C500, H, HY 30, 40, 50 D	—	1810437	—
C 500, Y, H, HY 355	—	1810437	1779011
C 500, Y, F, FY 235	—	1810620	1779011
C 500 356	—	1810143	1779011
C 500, Y, H, HY, 685	—	1810889	1810489
C 500 Y, H, HY, 685 (Lot 2230 & Above)/C 500 685 RC/ C 500 H 685 RC	— —	1810889 1810889	1779011 1779011
C 500 H, 915	887764	1810374	1779011
C 500 H 915 (D Models)	—	1810374	—
C 500, HY, Y 1015	887764	1810374	1779011
C 500 Y, HY, 1425, 1830 D	887764	—	316753
C 500 Y, HY, 1625, 2030	—	1810528	1779011
C 500 Y 1625 (Lot 3061 & Above)/HY 2030 (Lot 3071 & Above)/ Y 2030 (Lot 3076 & Above)	— —	1810889 1810528	1779011 —
C 500 Y 2030	—	1810528	—

Truck Models	Hydraulic Oil Filter	Hydraulic Sump Filter	Hydraulic Sump Breather
<b>CLARKLIFT 300 MODELS</b>			
300, 40, 50	—	1810143	1810143
300 Y 40	—	997393	1779011
<b>ELECTRIC TRUCLOADER MODELS</b>			
ETRB	—	—	604319
<b>TRI-WHEEL RIDER MODELS</b>			
TW 15, 25	—	—	335585
TW 125	—	—	1612503
TW 125 (Lot 101-2235 & Above)	—	—	1779011
<b>ELECTRIC CLARKLIFT MODELS</b>			
ECLS 20, 25, 30, 40, B SG	—	(1757660)	11F-12
ECLS 20, 25, 30, 40 B	—	—	11F-12
EC 30, 40 B	—	1810143	1779011
EC 20 C/25 C SG/S30C	—	1810143	1779011
EC 30, 40, 50 C/20, 30, 40, 50 C SG	—	1810143	—
EC 30, 50 ESG	—	1810143	—
EC 40 ESG	—	1810143	11F-12
ECLS 20, 25	—	—	11F-12
EC 50, 60, 70/50, 60, 70 SA, SG/SV 50, 60, 70 SG/	—	1810143	1612503
<b>ELECTRIC NARROW AISLE MODELS</b>			
NS, NST, NSP 20, 30, 40 SG/NST 15 SG/	893910	398391	—
NP 500 245	995021	(2324207)	—
NS, NST, NSP 245	893910	—	—
NS, NST, NSP 245 (Lot 2331 & Above)	995579	—	—
NS, NP 246	995021	(2337830)	—
<b>ELECTRIC CLARKLIFT 500 MODELS</b>			
E 235, 355	—	1810143	—
E 236	995021	(1789634)	1779011
E 236 (Lot 2703 & Above)	995021	—	1779011
E 685 & SV	991560	1810523	1779011
<b>RIDER ORDER SELECTOR MODELS</b>			
ROS CT	—	(1663028)	22F-5
ROS PL	—	(1663028)	22F-5
ROS 40	—	398391	22F-5
<b>POWRWORKER MODELS</b>			
ST, TTFD, 15, 20, 30, 40 & CR	—	(1663028)	22F-5
S, SP, 20 (F + H Upright)/SP30/S40/	—	(1663028)	1667638
S, SP 20 (M Deck)/SP3 (M Deck)/S 40 (M Deck)	—	(310902)	22F-5
PF 40, 60, 80, 100 CR	—	—	16F-06
PFH, PH 40	—	(1663028)	1667638

(Part Nos. listed in parenthesis indicate a one piece Filter Assembly.)

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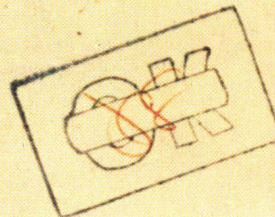
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